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ABSTRACT

This student manual is designed to supplement a course for the enhancement of library research capabilities using the speech and hearing sciences as a subject base. It is divided into sections, each of which displays commands and features from a number of printed and computerized reference works. Section titles include: (1) "Syllabus"; (2) "Psychological Abstracts"; (3) "Index Medicus"; (4) "Science Citation Index"; (5) "Science Citation Index: Citation Searching"; (6) "Preparing To Retrieve Records by Computer"; (7) "MELVYL Database"; (8) "A MELVYL Search Using the FIND Command"; (9) "MELVYL MEDLINE"; (10) "MELVYL Current Contents; (11) "Science Citation Index CD-ROM"; and (12) "Government Publications." Appendices include a guide to MELVYL, MELVYL MEDLINE, and MELVYL Current Contents, a comparison chart of commands and features, and a search project description and list of topics. (DB)

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ED327158

Speech and Hearing Sciences 52

Library Research Methods
in Speech and Hearing

Fall 1990

A Manual Explaining and Illustrating
the Retrieval of Bibliographic Information
from Printed and Computerized Reference Works

Albert Krichmar

Reference Librarian
Sciences-Engineering Library
University of California
Santa Barbara, CA

August 1990

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Table of Contents

The Course and the Manual	ii
Syllabus	iii
Psychological Abstracts	1
Index Medicus	12
Science Citation Index	23
Preparing to Retrieve Records by Computer	35
MELVYL	46
MELVYL MEDLINE	119
MELVYL CURRENT CONTENTS	141
Science Citation Index CD-ROM	148
Government Publications	160
Psychological Abstracts CD-ROM	163

Appendices
- MELVYL Guide
- MELVYL MEDLINE Guide
- MELVYL CURRENT CONTENTS Guide
- Search Project Description and List of Topics
- Comparison Chart of MELVYL, MELVYL MEDLINE, MELVYL CURRENT CONTENTS Commands and Features

Subject index

The Course

Goals: The main goal of SHS 52 is to enhance your library research capabilities in the many topics of speech and hearing using a number of hands-on exercises. The course will examine both printed and computer sources of references to the books and periodicals owned by a university library system. In addition to the hands-on emphasis, certain purely conceptual topics will be discussed; but when possible, practical uses of these concepts will be put to use.

You will not only learn how to use each of the information sources, but you will also realize that there are many problems to overcome in order to retrieve as many useful records as possible while at the same time, leaving as many non-useful records unretrieved as possible.

Homework: All the homework assignments will give practical experience in the UCSB Library on the many problems that will run into you from time to time as well as the various searching techniques that you will learn about.

Search Project: In addition to the homework, you will complete a search project that will count 50% of your final grade. More information will be presented during the course. You will pick your own topic or a topic provided on a list of some 40 within speech and hearing. You are to use the knowledge gained in this course to search for and retrieve references to the scholarly literature of your chosen subject. The subject you select can be the same one you will be writing about in Speech 50.

The project has two parts: A bibliography of 6-12 references found on your subject. This bibliography can be the same one for the paper you will be writing in Speech 50. The other part will be a 3-5 page paper describing how you went about locating the records, some problems that you wrestled with, etc. The project will be discussed in greater detail later.

The Manual

This manual cannot be used as a textbook. Each section displays commands and features from a number of printed and computerized reference works. These sections are meant to be explained to the class while displaying transparencies of each page on a screen. The students can make notes directly into their manuals.

There is an Appendix containing 3 manuals with examples and explanations of MELVYL, MELVYL MEDLINE, and MELVYL CURRENT CONTENTS. These can be consulted for more explanations. The MELVYL and MELVYL MEDLINE manuals have their own indexes; and an index for the entire manual, except for the 3 above-mentioned smaller manuals, is located as the last pages.

Syllabus
Fall 1990

Speech and Hearing Sciences 52

Library Research Methods in Speech and Hearing

Speech and Hearing Sciences 52
Library Research Methods in Speech and Hearing
Fall 1990
Syllabus and Brief Course Description

Class Meetings: 1802 Psychology
TTh 2:00 - 2:50

Instructor: Al Krichmar
Office hours in Sciences-Engineering Library
Library telephone number: 893-2762

Teaching Assistant: Patrick Finn

1. Course Objectives: This course will increase your ability to search for and retrieve references to publications on speech and hearing topics. Classroom discussion and assignments both in printed and computer sources will be made, with the emphasis on computer retrieval methods.

2. Assignments: There will be 10 assignments, summarized below. These assignments count 50% of your final grade.
   A. Three assignments from printed indexes
      1. Psychological Abstracts
      2. Index Medicus
      3. Science Citation Index
   B. Three assignments using MELVYL databases.
      1. Two assignments from MELVYL
      2. Index Medicus
      3. Current Contents
   C. Two assignments using CD-ROM databases.
      1. Psychological Abstracts
      2. Science Citation Index
   D. One assignment in the Government Publications Department.
   E. One assignment on sets and Boolean operators.

3. Search Project: The search project tests your abilities to use the various indexes and abstracting tools, both printed and computerized, to
   A. compile a bibliography of publications related to a topic of your choice in speech and hearing, and to
   B. write a brief paper (3-5 pages) describing how you went about gathering your information, what problems you ran into, how they were solved, etc.

   The search project will be discussed in greater detail later in the quarter. The project will count the remaining 50% of your final grade.

4. You will be able to evaluate the course toward the end of the quarter.

The Class Schedule

Tuesday, 25 September 1990
Discussion and questions of the items on page 1.

Thursday, 27 September 1990
Library Tour
MEET IN THE LIBRARY, BY THE MAIN INFORMATION DESK, 2d FLOOR SOUTH -- NEAR THE TOP OF THE STAIRS

Tuesday, 2 October 1990
Psychological Abstracts
Assignment 1

Thursday, 4 October 1990
Index Medicus
Assignment 2

Tuesday, 9 October 1990
Science Citation Index
Assignment 3

Thursday, 11 October 1990
Making the Transition
From Printed to Computerized Sources
Assignment 4

Tuesday, 16 October 1990
MELVYL -- Part I
The University of California
Online Card Catalog

Thursday, 18 October 1990
MELVYL -- Part II
(and discussion of search project)

Tuesday, 23 October 1990
MELVYL -- Part III
Assignment 5

Thursday, 25 October 1990
MELVYL MEDLINE -- Part I
Assignment 6

Tuesday, 30 October 1990
MELVYL MEDLINE -- Part II
Assignment 7

Thursday, 1 November 1990
MELVYL CURRENT CONTENTS
Assignment 8

Tuesday, 6 November 1990
SCIENCE CITATION INDEX on CD-ROM
Assignment 9

Thursday, 8 November 1990
GOVERNMENT PUBLICATIONS
Guest speaker: Janet Martorana
Assignment 10

Tuesday, 13 November 1990
PSYCHOLOGICAL ABSTRACTS on CD-ROM
Guest speaker: Carol Gibbens
Assignment 11

Thursday, 15 November 1990
THE PUBLICATION PROCESS
Guest speaker: Professor Sanford Gerber

No more classes for SHS 52. Project bibliographies and attached papers are due by the last day of class: 30 November 1990.

Psychological Abstracts

Psychological Abstracts

A Brief Introduction

Psychological Abstracts is a comprehensive monthly compilation of references, with non-evaluative summaries, to the world's serial literature, in psychology and related disciplines. In addition to providing references to scholarly periodical articles in speech and hearing, Psychological Abstracts includes such areas as experimental psychology, communication systems, developmental psychology, treatment and prevention, and applied psychology.

A SAMPLE RECORD

12944. **Waterloo, Knut K. & Götestam, K. Gunnar.** (Aasgaard U Mental Hosp, Tromsö, Norway) **The regulated-breathing method for stuttering: An experimental evaluation.** *Journal of Behavior Therapy & Experimental Psychiatry,* 1988(Mar), Vol 19(1), 11-19. —Evaluated the regulated-breathing method of N. H. Azrin and R. G. Nunn (1974), which is a 12-component treatment of stuttering in adults. 32 adult stutterers were randomly assigned either to treatment or to a control group. The treatment was completed during 1 session of 2–3 hrs. Treatment components include awareness training, relaxation training, positive activities, and social support. Both frequency of stuttering and rate of speech were measured before and after treatment and on follow-ups 2, 3, and 8 mo later. The dependent variables were assessed under conditions of both phrase reading and spontaneous speech. Both obtrusive and unobtrusive measures of speech were recorded. At the 8-mo follow-up, stuttering in the treatment group was significantly less than in the control group and also significantly less than before treatment.

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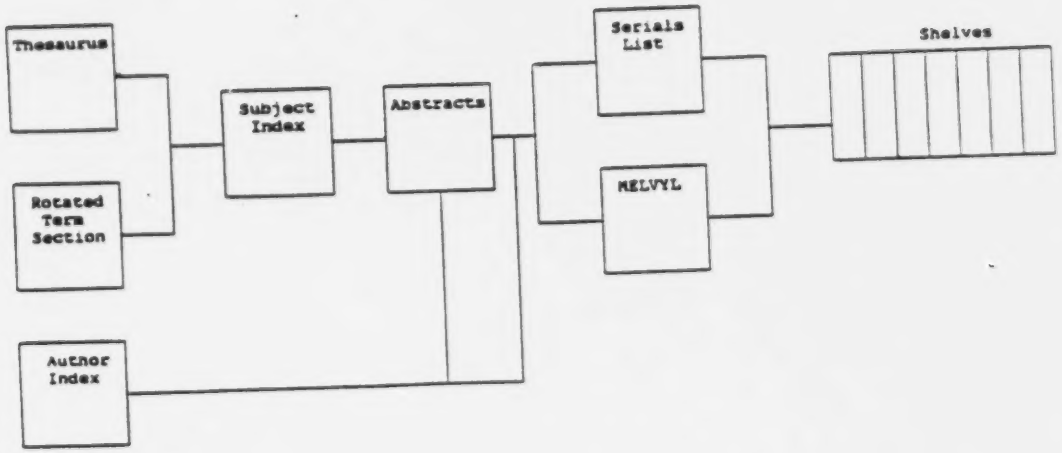
SUMMARY OF SEARCH SEQUENCE



Psychological Abstracts Thesaurus

Subject: Auditory Perception in Schizophrenics

Audiology — (cont 3)
SN Scientific study of hearing, including: anatomical and functional properties of the ear; hearing disorders and their assessment and treatment; and the rehabilitation of hearing-impaired persons. Consider also AUDIOMETRY and SPEECH AND HEARING MEASURES.
B Paramedical Sciences [73]

Audiometers [73]
PN 15 SC 04550
B Apparatus [67]

Audiometry [67]
PN 925 SC 04560
SN Specific procedures or audiometric tests used to measure hearing acuity and range in the diagnosis and evaluation of hearing impairments. Consider also AUDIOLOGY and SPEECH AND HEARING MEASURES.
UF Bekesy Audiometry
N Bone Conduction Audiometry [73]
R Auditory Acuity [88]
Auditory Stimulation [67]
Perceptual Measures [73]

Audiotapes [73]
PN 225 SC 04570
SN Tape recordings of sound used in both educational and noneducational settings. Not used as a document type identifier.
B Audiovisual Communications Media [73]
Communications Media [73]

Audiovisual Aids (Educational)
Use Educational Audiovisual Aids

Audiovisual Communications Media [73]
PN 95 SC 04590
B Communications Media [73]
N Audiotapes [73]
Closed Circuit Television [73]
Educational Audiovisual Aids [73]
Educational Television [67]
Film Strips [67]
Motion Pictures [73]
Motion Pictures (Educational) [73]
Motion Pictures (Entertainment) [73]
Photographs [67]
Radio [73]
Television [67]
Television Advertising [73]
Videotapes [73]

Audiovisual Instruction [73]
PN 183 SC 04600
B Teaching [67]
Teaching Methods [67]
N Televised Instruction [73]
Videotape Instruction [73]
R Educational Audiovisual Aids [73]

(1) **Audition**
Use Auditory Perception

Auditory Acuity [88]
PN 0 SC 04615
SN The ability or capacity of a listener to perceive fine detail. Consider AUDITORY THRESHOLDS or AUDITORY DISCRIMINATION to access references prior to 1988.
UF Hearing Acuity
B Auditory Perception [67]
Perceptual Discrimination [73]
R Audiometry [67]
Auditory Discrimination [67]
Auditory Localization [73]
Auditory Thresholds [73]

Auditory Cortex [67]
PN 220 SC 04620
UF Cortex (Auditory)
B Brain [67]
Central Nervous System [67]
Cerebral Cortex [67]
Nervous System [67]
Telencephalon [73]
Temporal Lobe [73]

(3)

Auditory Discrimination [67]
PN 1784 SC 04630
SN Distinguishing between sounds of different intensity, frequency, pattern or complexity.
B Auditory Perception [67]
Perceptual Discrimination [73]
N Loudness Discrimination [73]
Pitch Discrimination [73]
R Auditory Acuity [88]

Auditory Displays [73]
PN 24 SC 04640
SN Presentations of patterned auditory stimulation.
B Auditory Stimulation [67]
Displays [67]

Auditory Evoked Potentials [73]
PN 1045 SC 04650
B Electrical Activity [67]
Electrophysiology [73]
Evoked Potentials [67]
R Cortical Evoked Potentials [73]

Auditory Feedback [73]
PN 195 SC 04660
SN Return of information on specified behavioral functions or parameters by means of auditory stimulation. Such stimulation may serve to regulate or control subsequent behavior, cognition, perception, or performance. Also, the process of hearing one's own vocalizations, especially as pertains to regulating the parameters of one's speech.
B Auditory Stimulation [67]
Feedback [67]
Perceptual Stimulation [73]
Sensory Feedback [73]
N Delayed Auditory Feedback [73]

Auditory Hallucinations [73]
PN 99 SC 04670
B Hallucinations [67]
Perceptual Disturbances [73]

Auditory Localization [73]
PN 338 SC 04680
SN Subjective determination of the specific spatial location of a sound source or relative locations of sound sources.
UF Localization (Sound)
Sound Localization
B Auditory Perception [67]
Perceptual Localization [67]
R Auditory Acuity [88]

Auditory Masking [73]
PN 428 SC 04690
SN Change in perceptual sensitivity to an auditory stimulus due to the presence of a second stimulus in close temporal proximity.
B Masking [67]
R Auditory Stimulation [67]

Auditory Nerve
Use Acoustic Nerve

Auditory Neurons [73]
PN 113 SC 04710
B Cells (Biology) [73]
Nervous System [67]
Neurons [73]
Sensory Neurons [73]

(2)

Auditory Perception [67]
PN 4603 SC 04720
SN Awareness, detection, or identification of sounds.
UF Audition
Listening
N Auditory Acuity [88]
Auditory Discrimination [67]
Auditory Localization [73]
Loudness Discrimination [73]
Loudness Perception [73]
Pitch Discrimination [73]
Pitch Perception [73]
Speech Perception [67]
R Auditory Thresholds [73]
Ear Disorders [73]
Perception [67]

Auditory Stimulation [67]
PN 4800 SC 04730
UF Acoustic Stimuli
Noise (Sound)
Sound
B Perceptual Stimulation [73]
Stimulation [67]
N Auditory Displays [73]
Auditory Feedback [73]
Delayed Auditory Feedback [73]
Dichotic Stimulation [67]
Filtered Noise [73]
Loudness [67]
Noise Levels (Work Areas) [73]
Pitch (Frequency) [67]
Speech Pitch [73]
Ultrasound [73]
White Noise [73]
R Audiogenic Seizures [73]
Audiometry [67]
Auditory Masking [73]
Bone Conduction Audiometry [73]
Speech Processing (Mechanical) [73]

(4)

Auditory Thresholds [73]
PN 755 SC 04740
SN The minimal level of auditory stimulation, the minimal difference between any auditory stimuli, or the minimal stimulus change that is perceptually detectable.
B Thresholds [67]
R Auditory Acuity [88]
Auditory Perception [67]
Perceptual Measures [73]

Aura [73]
PN 5 SC 04760
SN Sensations experienced immediately prior to the onset of a seizure, migraine headache, or other nervous system disorder symptoms. Also, the patient's recognition of the beginning of an epileptic attack. Use PARAPSYCHOLOGY or PARAPSYCHOLOGICAL PHENOMENA to access references on psychic auras and halos.
B Symptoms [67]
R Epilepsy [67]

Aurally Handicapped [73]
PN 713 SC 04770
SN Persons with varying degrees of hearing loss due to ear disorders or an organic defect of the sensorineural pathways.
B Handicapped [67]
N Deaf [67]
Partially Hearing Impaired [73]
R Communication Disorders [88]
Ear Disorders [73]

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2 11

Adoptive Parents
Expectant Parents
Foster Parents
Single Parents
Surrogate Parents (Humans)
General Paresis
Pargyline
Parietal Lobe
Parkinsons Disease
Parks (Recreational) *
Parochial School Education *
Parole
Parole Officers
Parolees *
Partial Hospitalization
Partial Reinforcement *
Partially Hearing Impaired
Partially Sighted
Participation
Athletic Participation
Group Participation
Political Participation
Participative Management
Political Parties
Parturition *
Democratic Party *
Independent Party (Political) *
Republican Party *
Rites of Passage
Passive Aggressive Personality
Passive Avoidance *
Passiveness
Pastoral Counseling
Pastors *
Pathogenesis *
Pathological Gambling
Pathologists
Pathology
Afferent Pathways
Efferent Pathways
Maze Pathways
Motor Pathways *
Neural Pathways
Sensory Pathways *
Patient Attitudes *
Patient Characteristics *
Patient Education *
Patient History
Patient Rights *
Patient Therapist Interaction *
Dentist Patient Interaction *
Nurse Patient Interaction *
Physician Patient Interaction *
Therapist Patient Interaction *
Patients
Dying Patients *
Geriatric Patients
Hospitalized Patients
Medical Patients
Psychiatric Patients
Surgical Patients
Terminally Ill Patients
Patriarchy
Pattern Discrimination
Stimulus Pattern *
Alcohol Drinking Patterns
Dissociative Patterns
Wilson Patterson Conservatism Scale
Speech Pauses
Pavlovian Conditioning *
Pay *
Equity (Payment)
PCP *
Peabody Picture Vocabulary Test
Peace
Peace Corps
Pearson Prod Moment Correl Coeff *
Pecking Order *
Angina Pectoris
Pederasty *
Pedestrian Accidents
Pedestrians
Pediatricians
Pediatrics
Pedophilia
Peer Counseling
Peer Evaluation
Peer Relations
Peer Review *
Peer Tutoring
Peers
Pellagra
Pemoline
Death Penalty *
Penguins
Penicillins
Penis
Penis Envy
Erection (Penis)
Pentobarbitals *
Penology
Employee Pension Plans
Pentobarbital
Sodium Pentobarbital *
Pentothal *
Pentylenetetrazol
Peoples Republic of China
Peptic Ulcers *
Peptides
Perception/
Auditory Perception
Brightness Perception
Color Perception
Depth Perception
Distance Perception
Extrasensory Perception
Face Perception
Form and Shape Perception
Frostig Development Test Vis Percept
Gustatory Perception *
Haptic Perception *
Illusions (Perception)
Interpersonal Perception *
Kinesthetic Perception
Loudness Perception
Motion Perception
Movement Perception *
Numerosity Perception
Olfactory Perception
Pain Perception
Pitch Perception
Role Perception
Self Perception
Signal Detection (Perception)
Smell Perception *
Social Perception
Somesthetic Perception
Somtal Perception
Somtal Orientation (Perception)
Speech Perception
Subliminal Perception
Tactual Perception
Taste Perception
Temperature Perception
Texture Perception
Time Perception
Visual Perception
Weight Perception
Perceptiveness (Personality)
Perceptual Aftereffect
Perceptual Closure
Perceptual Constancy
Perceptual Development
Perceptual Discrimination

* Consult relationship section for appropriate term

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filtering & masking of noise in nonimpaired ear, consonant recognition in each ear, 23–36 yr olds with unilateral sensorineural hearing loss, 27546
first formant masking effects at different decibels, identification of voiced stop consonants, adults with sensorineural hearing loss, 4121
frequency & masker level & masking bandwidth, binaural masking level difference, cochlear-impaired listeners, 1566
high frequency interaural difference cues in backward masking, experienced Ss, support for view that auditory system is organized into parallel short- & long-term integration systems, 21124
instruction to attend vs not to attend to neutral vs emotional masked auditory stimuli of increasing intensity, EMG & heart rate & skin conductance, 21–30 yr old females, implications for research in auditory subliminal perception, 568
instructions & practice, vocal intensities while reading with Edinburgh Masker, 15–35 yr old stutterers, implications for clinical effectiveness of Masker, 12152
interaural-level differences, magnitude of speech recognition masking-level differences, 21–30 yr olds vs 42–62 yr olds with vs without asymmetrical sensorineural hearing loss, 1670
monaural vs binaural tone pips & stimulus frequency, binaural interaction component of auditory brain stem response & masking level difference, normal-hearing 24–47 yr olds vs 58–66 yr olds with severe high-frequency hearing loss, 29270
nonsimultaneous auditory masking, male budgerigars, 827
quiet vs white vs notched noise & tone bursts, early/middle EP & response detectability & latency & frequency specificity, normal-hearing 21–32 yr olds, 29261
recognition of diotic vs dichotic vowel pairs with same vs different fundamental frequencies with vs without masking, 25–30 yr olds, 19097
stimulus vs performance based measures of auditory backward recognition masking, pitch identification, college students, 3007
tuning curve tonal masking, frequency resolution, 4–8 mo olds & college students, 16941
upward spread of auditory masking, 25–59 yr olds with sensorineural high-frequency hearing loss, 6841

Auditory Neurons

interaural intensity difference for neurons in deep layers of superior colliculus, cats, 26533
sound frequency & intensity & duration, cochlear nerve fiber & inner hair cell responses, implications for synthetic speech, 19094
topographic distribution & organization of visual & auditory neurons, male rhesus monkeys, conference presentation, 3174
vestibular & otoneurological functioning, 15–75 yr olds with acoustic neuromas, conference presentation, 1649
2-deoxyglucose autoradiography, measurement of metabolic activity of auditory nuclei in tone-conditioned bradycardia, male rats, 8388

Auditory Perception [See Also Auditory Discrimination, Auditory Localization, Loudness Discrimination, Loudness Perception, Pitch Discrimination, Pitch Perception, Speech Perception]

age, performance on single vs dual auditory tasks, adults, 16955
air conducted &/vs vibratory stimuli applied to shell, brain stem evoked responses, box turtles, 3161
alternating & same 1- & 2-formant pulses at different amplitudes, vowel identification, 19081
amplitude compression in music signals & attack & relapse time & sound quality, 10948
amplitude modulated sounds, sensitivity of anuran auditory nervous system, frogs, 8409
audiogenic seizure thresholds & cochlear functions, mice inbred for audiogenic seizure susceptibility & resistance, 16394
auditory distractors, ability to identify target syllable, hospitalized schizophrenic patients, 9258
auditory selective attention abilities, normal vs cerebral palsied 5–21 yr olds, 24933
Buddhist meditation & psychoanalytic listening, 17872
cerebral atrophy & brain glucose metabolism & auditory dysfunction, 43–76 yr old patients with Alzheimer's disease, 4137
cerebral ischemia & severity of lesions, dichotic listening patterns & language recovery & memory, right handed 31–75 yr old aphasic patients, 6-mo study, 27638
clicks & tone bursts, nonlinearities & wave delays in acoustic responses, 22–24 yr olds, 507
clinical masking level, cross hearing from nontest ear during acquisition of auditory brain stem EP, adults with unilateral hearing losses, 14906
color principles & perception of structure of various sequential mixtures of tonal centers, 21–42 yr old trained listeners, conference presentation, 13604
combination-sensitive neuron in auditory cortex, mustached bat, neuronal model for vowel normalization & representation in humans, 26527
concurrent verbal vs listening task, right vs left handed finger tapping, right handed college students, 5689
contribution of cochlear outer hair cells to processing of auditory signals in cochlear nucleus, chinchillas, 21333
crossed vs uncrossed RTs to visual stimulus & performance of dichotic listening task, 21 yr old female with agenesis of corpus callosum, implications for bilateral speech representation, 4164
detection of interval & contour changes in transposed versions of standard melodies of 3 vs 5 vs 7 vs 9 vs 11 vs 13 vs 15 notes, musicians, conference presentation, 13605
development of auditory pursuit tracking as screening test, measurement of occupational hearing loss, male 16–21 yr olds with congenital blindness vs college students vs 37–54 yr old workers with noise-induced hearing loss, 21001
development of hearing prosthesis to replace functions of inner ear, conference presentation, 2819
development of methodology for auditory analog to visual memory-search task, college students, 19028
dichotic click detection & CV discrimination task performance, circadian variation in lateral asymmetry & EEG characteristics, endogenously vs nonendogenously depressed patients, 30094
dichotic listening, lateralization of music perception & GSR, right handed musicians vs nonmusicians, 8411
differentiation between voice recordings made by patients when they were vs were not depressed, music conservatory vs college students, 19087
ear of presentation, chord perception, acute schizophrenic Ss, 19928
extinction to simultaneous auditory stimulation, acute cerebrovascular disease patients, 6744
fatigue, performance on visual-auditory dual task, 18–21 yr old males, support for K. Vervaeck's hypothesis of parallel processing, 288
filtering & masking of noise in nonimpaired ear, consonant recognition in each ear, 23–36 yr olds with unilateral sensorineural hearing loss, 27546
frequency-modulated sweeps corresponding to adult/adult vs adult/infant attentional responses, 4 mo olds, 21694
functional vs coupler vs probe tube measurements of hearing aid gain, hearing impaired Ss, 27727
gaze shifts vs saccadic eye movements & musical verbal stimulation to right vs left ear, recognition & localization of dichotic stimuli, right handed college students, 5433
grasp of tonal structures of songs, 1 yr olds, 7-yr longitudinal study, conference presentation, 14149
group training, development of basic orientation & unaided mobility & hearing skills, visually impaired individuals with minimal or no mobility skills, 10133
handedness & familial sinistrality & handwriting posture, performance on dichotic listening & divided visual field tasks, male vs female college students, 26491
hearing & premorbid paranoid or schizoid personality, patients with paranoid states vs unipolar depression vs schizophrenia, 12022
hearing acuity, 19–66 yr old professional divers, Norway, 18697
hemispheric laterality, auditory focused attention, acute vs chronic schizophrenics vs mentally handicapped 19–65 yr olds, 24641
hemispheric lateralization in dichotic listening task, mildly retarded vs nonretarded males with mean ages of 21.3 & 22.5 yrs, 17514
high frequency interaural difference cues in backward masking, experienced Ss, support for view that auditory system is organized into parallel short- & long-term integration systems, 21124
high vs low intensity social call vs white noise, directional responses, 16–23 day old gerbils, 16374

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74 9260) on the 1st author's (1971) nonparametric approach to constructing and evaluating tests based on binary items. It is contended that their arguments misrepresent the objectives of this approach, that their criticism of the role of the *H* coefficient in the procedures is irrelevant or erroneous, and that they fail to distinguish the inherent requirements (and limitations) of parametric and nonparametric models. It is concluded that the 1st author's procedures provide a useful tool for constructing and evaluating tests for measuring theoretically meaningful latent traits while avoiding the strong parametric assumptions of traditional item response theory. (21 ref)

9257. Molander, Per. (Swedish National Defense Research Inst, Stockholm) **Induction of categories: The problem of multiple equilibria.** *Journal of Mathematical Psychology*, 1986(Mar), Vol 30(1), 42–54. —Discusses the possibility of sustaining alternative conceptions of reality in the presence of a continuous information flow. The widespread model of concept formation that states that the perceptual framework is constantly being tested and this testing acts as a correction mechanism is criticized. The major criticism is that concepts are based on information that is filtered through the very same concepts. A group of models based on the dimensional approach and concerning learning without feedback is analyzed. Simple, archetypical problems of discriminating between 2 categories of objects are used to show how multiple equilibria may arise. The analysis is based on a method of L. Ljung (1977), with applications to a wide class of problems concerning the convergence of stochastic algorithms. (9 ref) —*Journal abstract.*

9258. **Murray, Leigh W. & Dosser, David A.** (New Mexico State U., Las Cruces) **How significant is a significant difference? Problems with the measurement of magnitude of effect.** *Journal of Counseling Psychology*, 1987(Jan), Vol 34(1), 68–72. —The use of measures of magnitude of effect (MOE) has been advocated as a way to go beyond statistical tests of significance and to identify effects of a practical size and MOE has been used in meta-analysis to combine results of different studies. Some problems associated with measures of MOE are described, and implications for researchers are discussed. It is demonstrated that one commonly used measure of MOE is heavily dependent on a study's number of treatments and sample size. Such a measure should be used with caution for comparing results of studies of different sizes. (31 ref)

9259. **Qiu, Yulin & Sun, Changhua.** (Beijing Inst of Aeronautics & Astronautics, China) **[Optimal division method and its application in psychology.]** (Chin) *Information on Psychological Sciences*, 1984, No 6, 22–29. —Illustrates the use of Fisher's clustering method for ordered samples (i.e., the optimal division method) with data from experiments on word mastery in children and memory development in adults. An algorithm to reduce storage and computation time is introduced. The function of the optimal division method in psychology is discussed by comparing the F-test and t-test. (English abstract)

9260. **Roskam, Edward E.; Van den Wollenberg, Arnold L. & Jansen, Paul G.** (Catholic U Nijmegen, Psychological Lab, Netherlands) **The Mokken scale: A critical discussion.** *Applied Psychological Measurement*, 1986(Sep), Vol 10(3), 265–277. —Argues that Loevinger's *H*, adapted by R. J. Mokken (1971) and advocated as a coefficient of scalability, is sensitive to properties of the item set that are extraneous to Mokken's requirement of holomorphy of item response curves, so that the Mokken scale is ambiguous. It is also contended that item-selection free statistical inferences concerning the latent person order appear to be insufficiently based on double monotony alone, that the Rasch model is the only item response model fulfilling this requirement, and that the Mokken scale is an unfruitful compromise between the requirements of a Guttman scale and the requirements of classical test theory. (31 ref)

9261. **Sabers, Darrell L. & Franklin, Melvin R.** (U Arizona) **Increased power through design and analysis.** *Journal of Experimental Education*, 1985–86(Win), Vol 54(2), 101–104. —Argues that beginning researchers tend to avoid the more powerful research designs and statistical procedures such as the Solomon Four-Group design and analysis of covariance (ANCOVA) and discusses reasons for their lack of use. An example is given, using a study by the 2nd author (see PA, Vol 71:19016) in which the combination of an effective design and a powerful statistical analysis technique resulted in a significant finding, although only 44 learning disabled students were used. (12 ref)

9262. **Schwibbe, Michael H. & Kaumanns, Werner.** (Deutsches Primatenzentrum, Göttingen, West Germany) **First experiences with the "analysis of causal dominance" within the behavioral sciences.** *German Journal of Psychology*, 1986(Feb), Vol 10(1), 81–88. —Presents a new procedure employing G. Lehmann's (1980) technique of analysis of causal dominance, which overcomes the explanatory deficiency of linear correlation and path analytic models and which can be used to uncover directions of influence within systems of variables. Potential applications are considered in such research areas as psychology of personality, organismic information processing, and sociology of non-human primates. (21 ref)

9263. **Sedlák, Jiří; Potůček, Ivo & Rukovanská, Ludmila.** **Modely aktivního sociálního učení. / Models of active social learning.** (Czec) *Sborník Prací Filosofické Fakulty Brnenské U.*, 1982, Vol 31(17), 111–131. —Extends a specialized informative stochastic model with a category of personality factors and some factors related to intelligence to depict active social learning (ASL). The stages of ASL and corresponding components of the model are described. (English & Russian abstracts) (32 ref)

9264. **Shimizu, Hajime.** (Jewish Memorial Hosp, Boston, MA) **Prediction of motor performance using a replacement learning mathematical model.** *Occupational Therapy Journal of Research*, 1986(Jan–Feb), Vol 6(1), 49–51. —Investigated applications of the replacement model of mathematical learning proposed by J. E. Mazur and R. Hastie (see PA, Vol 62:5237) and F. Restle and J. G. Greeno (1970). Findings show that the model adequately expressed a simple tracing task using the nonpreferred hand and permitted a successful prediction of limit of attainment of performance in 3 out of 5 adult Ss. The author concludes that this model is applicable to individual Ss' learning phenomena. (5 ref)

9265. **Skaggs, Gary & Lissitz, Robert W.** (U Maryland) **An exploration of the robustness of four test equating models.** *Applied Psychological Measurement*, 1986(Sep), Vol 10(3), 303–317. —A Monte Carlo study explored how 4 commonly used test equating methods (3-parameter techniques and linear, equipercentile, and Rasch models) responded to tests of different psychometric properties. The 4 methods were applied to generated datasets in which mean item difficulty and discrimination as well as level of chance scoring were manipulated. The 2 datasets each contained responses of 2,000 Ss to a 35-item test plus a 15-item anchor. In all cases, examinee ability was matched to the level of difficulty of the tests. Results show the Rasch model not to be robust to violations of the equal discrimination and nonchance scoring assumptions. There were also problems with the 3-parameter model, but these were due primarily to estimation and linking problems. The recommended procedure for tests similar to those studied is the equipercentile method. (28 ref) —*Journal abstract.*

9266. **Suen, Hoi K. & Ary, Donald.** (Northern Illinois U, De Kalb) **Poisson cumulative probabilities of systematic errors in single-subject and multiple-subject time sampling.** *Behavioral Assessment*, 1986(Spr), Vol 8(2), 155–169. —Suggests 2 procedures to assess the a priori probability that a chosen interval length will lead to time-sampling results that contain systematic errors. These procedures examine the probability that the chosen interval length is longer than or equal to appropriate values for the shortest single behavior bout and interresponse time. (21 ref)

9267. **Wampold, Bruce E. & Worsham, Nancy L.** (U Oregon Coll of Education, Div of Counseling & Educational Psychology, Eugene) **Randomization tests for multiple-baseline designs.** *Behavioral Assessment*, 1986(Spr), Vol 8(2), 135–143. —Presents a randomization test procedure in which 1 order of intervention is randomly selected, an appropriate statistic is designed and calculated, and the significance of the obtained value of the statistic is derived by comparing it to the randomization distribution created by calculating the statistic for all possible arrangements of the data. The validity of randomization tests in the context of multiple baseline is discussed, and the present procedure is compared to S. H. Revusky's (1967) R_n statistic. (20 ref)

9268. **Woodfield, Terry J.** (Arizona State U) **Fool's Type IIa error revisited.** *Journal of Experimental Education*, 1985–86(Win), Vol 54(2), 109–113. —Contends that in the work of H. E. Anderson et al (see PA, Vol 72:19114), concerning the so-called Fool's Type IIa error, fundamental statistical tenets have been overlooked or ignored. It is argued by the present author that if the importance of Type I and Type II errors cannot be quantified, then the Neyman-

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controls matched to some of the 2nd group of Ss; and 73 who responded to a notice. The last group included depressed and nondepressed Ss. Each S underwent an evaluation for current and life-time diagnosis using the Research Diagnostic Criteria (RDC). Premenstrual dysphoric changes were evaluated with a premenstrual assessment form (PAF). Criteria for PAF full depressive syndrome were met by 57% of the Ss with a life-time diagnosis of major depressive disorder. Only 14% of the never mentally ill Ss met these PAF criteria. 84% of those who had PAF full depressive syndrome also had RDC major depressive disorder while only 9% were never mentally ill. (30 ref) —*Journal abstract.*

9257. **Harasz, John L.** (U California Brain Research Inst, Interdepartmental Neuroscience Program, Los Angeles) **Neural plasticity in schizophrenia.** *Schizophrenia Bulletin.* 1985. Vol 11(2), 191–229. —Reviews the research on schizophrenia from a theoretical perspective that takes into account the plasticity of neural connections, which has been studied by subjecting animals to neurosurgical lesions, brain electrostimulation, and a variety of rearing environments. The purpose of the article is to benefit physicians and researchers in the field of biological psychiatry who are, perhaps, unfamiliar with recent advances in basic neuroscience. It is demonstrated how neural-plasticity concepts can be invoked to explain the following seemingly disparate features of schizophrenia: the pharmacological support for the dopamine hypothesis, the delayed onset and offset of neuroleptic antipsychotic action, genetic and environmental influences in schizophrenia, the regional alterations in brain structure and function seen in chronic schizophrenic patients, and the various types of behavioral symptoms exhibited by schizophrenic patients. Five specific testable hypotheses that are derived from a general theory relating neural plasticity to animal and human pathological behaviors are presented. (17½ p ref) —*Journal abstract.*

9258. **Harris, Anne; Ayers, Tim & Leek, Marjorie R.** (Arizona State U, Tempe) **Auditory span of apprehension deficits in schizophrenia.** *Journal of Nervous & Mental Disease.* 1985(Nov), Vol 173(11), 650–657. —Investigated the existence of informanon-processing deficits in an auditory modality in 18 hospitalized schizophrenics (mean age 35.2 yrs), 15 psychiatric controls (mean age 28.8 yrs), and 20 normal college students. Ss were instructed to report the occurrence of a target syllable in the presence of background speech. Schizophrenic Ss performed as well as Ss from both comparison groups in the simpler background conditions but were significantly less able to identify the target in the presence of auditory distracters when greater amounts of information were available to be processed. These data support the nonmodality specific nature of the deficit, which has been attributed to a core central processing deficit. (26 ref) —*Journal abstract.*

9259. **Hickey, Brian A.** (Providence Mental Health Clinic, Emergency Services, RI) **The borderline experience: Subjective impressions.** Special Issue: Focus on borderline personality disorder. *Journal of Psychosocial Nursing & Mental Health Services.* 1985(Apr), Vol 23(4), 24–29. —Presents the psychological concepts and clinical manifestations of the borderline personality disorder through the subjective experiences of the borderline client, using literary excerpts. These literary excerpts are used to provide a composite picture of the borderline patient's subjective inner reality. Topics of discussion include the development of the borderline personality and splitting, the borderline patient's use of transitional objects from infancy in stressful and regressive situations, and clinical features of borderline personality disorder. The literary excerpts are then used to illustrate the clinical features of emptiness, identity disturbance, unstable moods and intense relationships, physical self-damage, and intense anger, all of which are classic features of the borderline patient. (27 ref) —*H. Hall.*

9260. **Hirschfeld, Robert M. et al.** (NIMH Alcohol, Drug Abuse, & Mental Health Administration, Ctr for Studies of Affective Disorders, Rockville, MD) **Situational major depressive disorder.** *Archives of General Psychiatry.* 1985(Nov), Vol 42(11), 1109–1114. —Examined the validity of situational major depression (SMD), using 57 nonbipolar Ss (mean age 34 yrs) with a definite SMD diagnosis (according to Research Diagnostic Criteria) and 72 nonbipolar patients (mean age 41.1 yrs) with definite nonsituational major depression (MD) diagnosis. All Ss participated in a comprehensive sociodemographic and personal background interview and an assessment of life events. Ss also were administered a personality battery composed of 436 items measuring 17 substantive scales. The battery was readministered at 1-yr follow-up. Results show that only 2 of 6 measures of life stress/distress and 1 of 11 categories (birth events) of life events distinguished SMD Ss from MD Ss. Significantly more SMD than MD Ss reported having close ties with family living in the same household. At 1-yr follow-up, SMD Ss had a significantly higher hysterical factor than did MD Ss. SMD Ss were found to have more suicidal ideation and behavior, while MD Ss were found to have poorer overall functioning. SMD Ss had fewer prior episodes of depression and many fewer hospitalizations. Findings do not support the validity of SMD as a subtype of MD disorder. (35 ref) —*P. D. Burca.*

9261. **Holm-Hadulla, R.-M. & Hasag, F.** (Psychiatrische Universitätsklinik, Heidelberg, West Germany) **Die Interpretation von Sprichwörten als klinische Methode zur Erfassung schizophrener Denk-, Sprach- und Symbolisationsstörungen. / Interpretation of proverbs as a clinical method to explore schizophrenic thought and speech disorders.** (Germ) *Nervenarzt.* 1984(Sep), Vol 55(9), 496–503. —35 schizophrenics and 34 nonpsychotic controls were each asked to explain the significance of 12 proverbs. Their interpretations were analyzed in terms of the degree of substitution—the S's ability to provide other adequate terms for those in the proverb while maintaining the proverb's meaning—and transfer—the ability to understand and describe the overall social and interpersonal meaning of the proverb. A significant difference between schizophrenics and controls was found in both categories. Findings indicate the value of the interpretation of proverbs in examining speech and thought disorders in schizophrenia. (22 ref) —*S. Tyson.*

9262. **Holsboer, F. & Benkert, O.** (Johannes Gutenberg-U Mainz, Psychiatrische Klinik, West Germany) **Neuroendokrinologische und endokrinologische Forschung bei depressiven Patienten. / Neuroendocrine and endocrine research on depressed patients.** (Germ) *Nervenarzt.* 1985(Jan), Vol 56(1), 1–11. —Reviews research on the molecular biology model of depression, neuroendocrine function in depressed patients, the clinical use of the dexamethasone suppression test (DST) and the relation between psychopathological data and DST results, the function of the pituitary–thyroid axis, gonadal function in depressed men and women, and prolactin and growth hormone secretion. (171 ref) —*M. Heifer.*

9263. **Hoenry, Hans R.** **Do longitudinal principles exist?** *American Journal of Psychiatry.* 1985(Nov), Vol 142(11), 1287. —Responds to an article by J. S. Strauss et al (see PA, Vol 72:17565) in which an attempt was made to establish longitudinal principles for a total of 11 different diagnoses covering the whole spectrum of schizophrenia and affective disorder, distributed among 28 patients. It is argued that the importance of social role conflict in the course of chronic schizophrenia should not be neglected and that studying 28 patients with a common diagnosis might be more helpful in establishing meaningful patterns. (1 ref)

9264. **Humphries, Laurie; Graber, Joseph; Hall, John & Krycia, Richard.** (U Kentucky Medical Ctr, Lexington) **Motor proficiency in depressed adolescent inpatients: Biochemical and clinical diagnostic correlates.** *Journal of Developmental & Behavioral Pediatrics.* 1985(Oct), Vol 6(5), 259–262. —Conducted a pilot investigation on 25 11–18 yr olds who were admitted to a psychiatric unit to explore relationships among motor proficiency and categories of depressive illness. Specifically, the study examined (a) whether Ss would perform as well as normals on the Bruininks-Oseretsky Test of Motor Proficiency; and (b) whether the method of diagnosing major depressive episode (MDE), using Diagnostic and Statistical Manual of Mental Disorders (DSM-III) criteria or the dexamethasone suppression test (DST), would be related to motor proficiency. Results indicate that depressed Ss performed less well on balance, bilateral coordination, upper limb coordination, and response speed than normals. MDE Ss, as defined by the DST, performed less well than Ss with adjustment disorder with depressive mood. Ss diagnosed as MDE on the basis of DSM-III criteria had motor proficiency scores similar to those of the other Ss with depressive mood adjustment disorders. It is concluded that the method of diagnosis is critical if prescribed physical activity therapy is to be effective. (24 ref) —*Journal abstract.*

9265. **Inanuma, Kunio.** (Ibaraki-ken Medical Ctr, Mito, Japan) / **Sleep–wake patterns in autistic children.** (Japn) *Japanese Journal of Child & Adolescent Psychiatry.* 1984(Jul–Aug), Vol 25(4), 205–217. —Compared the sleep–wake patterns over 1 mo of 33

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Avery, Janet— *See* Lifshitz, Kenneth 432

Avery, Patricia G.— *See* Hahn, Carole L. 25841

Avgustevich, Semen L.— *See* Kokushkin, Arseniy A. 7862

Avi-Itzhak, Tamar E. Multivariate analysis of the effect of perceived instruction on recommending instructors. *Journal of Instructional Psychology, 1985(Jun), Vol 12(2), 59–65.* 13017

Avila, Ramon A.— *See* Fern, Edward F. 24471

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Avramelech-Gigus, N.— *See* Gavish, M. 16631

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Avolio, Bruce J.— *See* Waldman, David A. 18739

Avrahami, Eliezer— *See* Rabey, Jose M. 7234

Avramides, Basil— *See* Hudesman, John 18521

Avy, Bernard— *See* Soulayrol, Rene 6604

Awad, A. G. Symposium: Prediction of response to neuroleptic drug therapy in schizophrenia: Introduction and overview. *Canadian Journal of Psychiatry, 1985(Jun), Vol 30(4), 241–242.* 15118

Awad, A. G.— *See* Hogan, T. P. 15146

Awad, George A. Responsiveness in psychotherapy with antisocial adolescents. *American Journal of Psychotherapy, 1985(Oct), Vol 39(4), 490–498.* 12358

Awbrey, Brian J. Reflections on medical education: Concerns of the student. *Journal of Medical Education, 1985(Feb), Vol 60(2), 98–105.* 10179

Axelsson, R.— *See* Wahlstrom, Jan 6617

Axer, Andrzej & Piotrowski, Andrzej. Psychiatric home treatment as a community service: Its rationale and strategies of intervention. *American Journal of Social Psychiatry, 1985(Fall), Vol 5(4), 39–42.* 23082

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Axtell, Lois— *See* Beekman, Claire E. 15347

Axton, Carole— *See* Over, Ray 8772

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Ayala Guizar, Patricia— *See* Pérez-Rincon G., Hector 30072

Ayalon, Moshe & Merom, Hanna. The teacher interview. *Schizophrenia Bulletin, 1983, Vol 11(1), 117–120.* 3810

Ayama, Miyoshi— *See* Kaiser, Peter K. 23551

Aycock, David W. & Vooker, Susan. A comparison of the self-esteem levels in evangelical Christian and general populations. *Journal of Psychology & Theology, 1985(Fall), Vol 13(3), 199–208.* 27168

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Ayers-Lopez, Susan— *See* Cooper, Catherine R. 8828

Ayers, James. Training of family therapists in health. *Family Therapy Collections, 1985, No 13, 117–129.* 2206

Ayers, Tim— *See* Harris, Anne 2758

Ayettey, Noboru— *See* Harta, Takemi 23588

Aylard, P. R.— *See* King, J. R. 18071

Aylward, Elizabeth H. & Schmidt, Steven. An examination of three tests of visual–motor integration. *Journal of Learning Disabilities, 1986(Jun–Jul), Vol 19(6), 328–330.* 25887

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Ayoub, M. M.— *See* Agharadeh, F. 10641

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Ayres, Robert— *See* Cooley, Eric J. 10519

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Azmitia, Efrain— *See* Frankfurt, Maya 13976

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Azoria, Jean-Michel— *See* Samuelian, Jean-Claude 4627

Azoriosa, Julian L.— *See* Cicala, George A. 5536

Azzalina, Jeffrey D.— *See* Doty, Richard L. 20990

Azzarita, F.— *See* Biagarelli, P. G. 27273

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Harris, Catherine T.— *See* Earle, John R. 14391
Harris, Craig K.— *See* Kempton, Willett 31559
Harris, D. Paul— *See* Côté, James E. 25480
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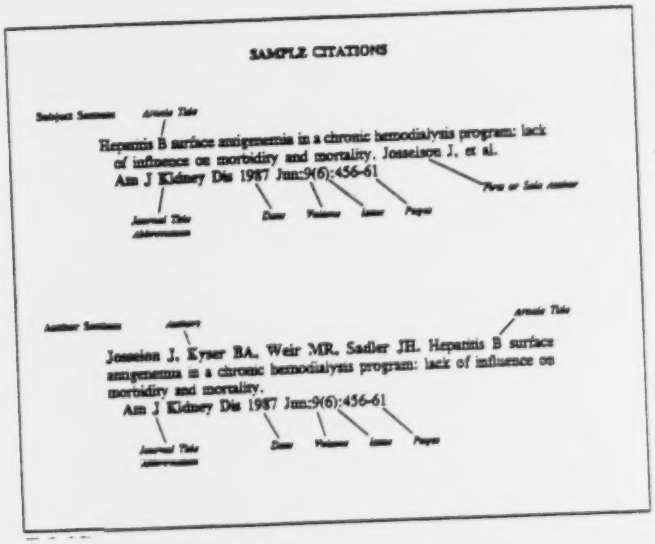
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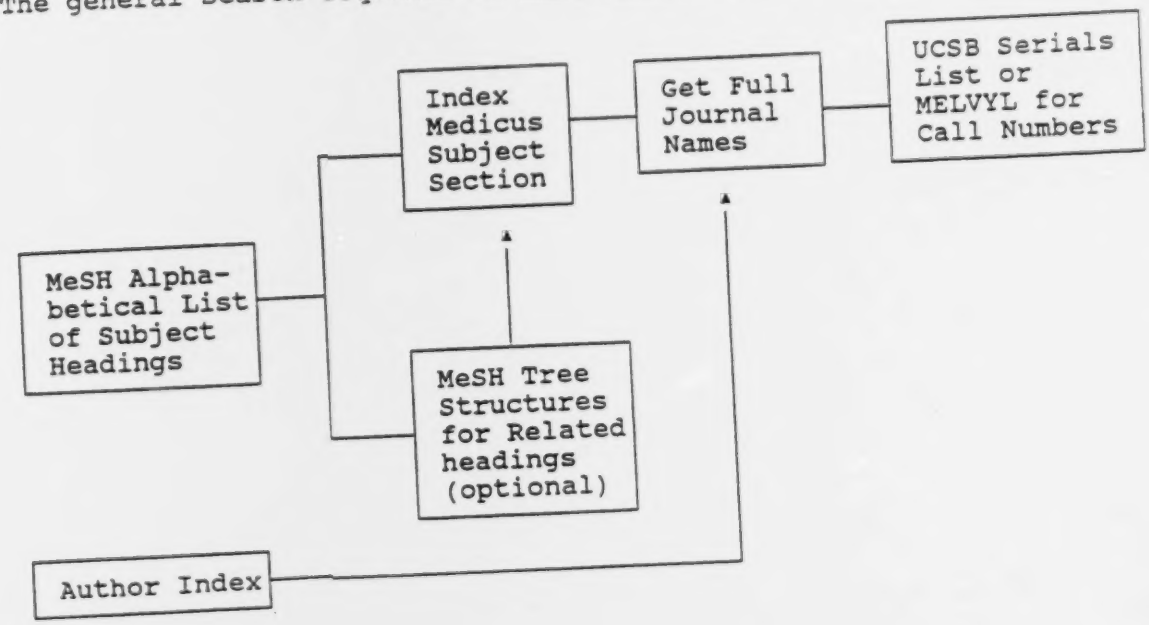
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24

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78
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HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION (U.S.) see UNITED STATES ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH ADMINISTRATION

HEALTH SERVICES FOR THE AGED
N2.421.320
80
X GERIATRIC HEALTH SERVICES
XR AGED

HEALTH SERVICES, INDIGENOUS
N2.421.330
81; was see under HEALTH SERVICES 1977–80
XR MEDICINE, TRADITIONAL

HEALTH SERVICES MARKETING see MARKETING OF HEALTH SERVICES

HEALTH SERVICES MISUSE see under HEALTH SERVICES
X ABUSE OF HEALTH SERVICES
X MISUSE OF HEALTH SERVICES
X OVERUTILIZATION OF HEALTH SERVICES

HEALTH SERVICES NEEDS AND DEMAND see under HEALTH SERVICES RESEARCH
X ASSESSMENT OF HEALTH CARE NEEDS
X DETERMINATION OF HEALTH CARE NEEDS

HEALTH SERVICES RESEARCH
N3.349.380+
80; HEALTH SERVICES NEEDS AND DEMAND was see under HEALTH PLANNING 1979, was see under HEALTH AND WELFARE PLANNING 1978
X HEALTH CARE RESEARCH
X MEDICAL CARE RESEARCH
X RESEARCH, HEALTH SERVICES
XU HEALTH SERVICES NEEDS AND DEMAND

HEALTH SERVICES, WOMEN'S see WOMEN'S HEALTH SERVICES

HEALTH STATUS see under HEALTH
X LEVEL OF HEALTH

HEALTH STATUS INDEX see HEALTH STATUS INDICATORS

HEALTH STATUS INDICATORS see under HEALTH SURVEYS
X HEALTH RISK APPRAISAL
X HEALTH STATUS INDEX

HEALTH SURVEYS
E5.318.370+ G3.850.520.610+
N1.224.458+
SANITARY SURVEYS was heading 1963–66
XU HEALTH STATUS INDICATORS

HEALTH SYSTEMS AGENCIES
N3.560.452.508.440
78
X COMPREHENSIVE HEALTH PLANNING AGENCIES

HEALTH SYSTEMS PLANS see under REGIONAL HEALTH PLANNING
X COMPREHENSIVE HEALTH PLANS, LOCAL

HEALTH VISITORS see COMMUNITY HEALTH NURSING

HEARING
F2.830.816.263 G11.561.796.263+
see related
(1) ACOUSTIC STIMULATION
AUDITORY PERCEPTION
BONE CONDUCTION

HEARING AIDS
E7.814.458+
X EAR MOLDS
(2) XR DEAFNESS

HEARING DISORDERS
C9.218.458+ C10.597.257.443+
C23.888.592.257.443+

HEARING LOSS, BILATERAL see under HEARING LOSS, PARTIAL

HEARING LOSS, CENTRAL see under HEARING LOSS, SENSORINEURAL

HEARING LOSS, CONDUCTIVE see under HEARING LOSS, PARTIAL
X DEAFNESS, CONDUCTIVE

HEARING LOSS, EXTREME see DEAFNESS

HEARING LOSS, FUNCTIONAL see under HEARING LOSS, PARTIAL
X HEARING LOSS, NONORGANIC

HEARING LOSS, HIGH-FREQUENCY see under HEARING LOSS, PARTIAL

HEARING LOSS, NOISE-INDUCED (3)
C9.218.458.500.481.460
79; was ACOUSTIC TRAUMA 1963–78
X ACOUSTIC TRAUMA
XR NOISE

HEARING LOSS, NONORGANIC see HEARING LOSS, FUNCTIONAL

HEARING LOSS, PARTIAL
C9.218.458.500+ C10.597.257.443.439
C23.888.592.257.443.439
79
X DEAFNESS, PARTIAL
XU HEARING LOSS, BILATERAL
XU HEARING LOSS, CONDUCTIVE
XU HEARING LOSS, FUNCTIONAL
XU HEARING LOSS, HIGH-FREQUENCY

HEARING LOSS, SENSORINEURAL
C9.218.458.500.481+
79; PRESBYCUSIS was see under DEAFNESS 1975–78
XU HEARING LOSS, CENTRAL
XU PRESBYCUSIS

HEARING PROTECTIVE DEVICES see EAR PROTECTIVE DEVICES

HEARING TESTS
E1.276.299.375+
XU DICHOTIC LISTENING TESTS

HEART
A7.541+
see related
ANGIOCARDIOGRAPHY
BALLISTOCARDIOGRAPHY
ELECTROCARDIOGRAPHY

HEART ABNORMALITIES see HEART DEFECTS, CONGENITAL

HEART ANEURYSM
C14.280.358 C14.907.55.608

HEART ARREST
C14.280.383
X CARDIAC ARREST
X CARDIOPULMONARY ARREST

HEART ARREST, INDUCED
E4.752.376.374 E4.920.490.460
see related
CARDIOPLEGIC SOLUTIONS
X CARDIAC ARREST, INDUCED
X CARDIOPLEGIA

HEART, ARTIFICIAL
E7.450.470 E7.858.82.374
E7.858.565.458
67

HEART-ASSIST DEVICES see under ASSISTED CIRCULATION
X ARTIFICIAL VENTRICLE
X HEART VENTRICLE, ARTIFICIAL
X PUMPS, HEART-ASSIST
X VASCULAR-ASSIST DEVICES
X VENTRICLE-ASSIST DEVICE

HEART ATRIUM
A7.541.358
68

HEART AUSCULTATION
E1.145.569.499+ E1.706.110.458
XU HEART MURMURS
XU HEART SOUNDS

The MeSH List
A Few Explanations

The MeSH List is an alphabetic-arranged compilation of subject headings and cross-references. Users can search it to find subject headings that represent their topic. The only headings that can be used in Index Medicus are those that appear in large, bold type.

There are various types of cross-references, briefly explained below:

Referring to Another Term	Corresponding "referred from" designation
see	X
see under	XU
see related	XR

See Under: Refers from a specific term that is not used as a MeSH heading to a more general term that is used. However the specific term and general term can both be searched by computer. The "see under" terms are referred to as "minor descriptors" for purposes of computer retrieval.

See: Three Uses:

1. Refers from a term to its synonym.
2. Refers from a specific heading to a more general heading.
3. Sometimes refers from a term to another term which is also not used, rather than directly to a heading that appears in Index Medicus. For example, the phrase below

   HEARING LOSS, NONORGANIC see HEARING LOSS, FUNCTIONAL

   refers you from one heading to another. But when you look under HEARING LOSS, FUNCTIONAL we see the following:

   HEARING LOSS, FUNCTIONAL see under HEARING LOSS, PARTIAL

   After a double look-up, HEARING LOSS, PARTIAL is the allowable search term.

See Related: Use mainly to refer to headings related to the one you have looked up.

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VOLUME 28, 1987

JOURNALS INDEXED
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AUTHOR INDEX A-Bs

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Arnold R see Lamb RE
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Tree Numbers

The "trees" are lists in which the subject headings are divided into categories: A, B, C, etc., each category followed by a series of digits. Most categories are further subdivided into subcategories, each of which is identified by an alphanumeric designation. The longer the alphanumeric string, the more specific the heading. For example:

C9	is the tree number for Otorhinolaryngologic Diseases.
C9.218.458	is the tree number for Hearing Disorders, and
C9.218.458.288	is the tree number for Deafness.

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2. To search for records in MELVYL MEDLINE.

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TREE STRUCTURES

OTORHINOLARYNGOLOGIC DISEASES

OTORHINOLARYNGOLOGIC DISEASES	C9	C8.200
CILIARY MOTILITY DISORDERS	C9.150	C8.200.531 C16.131.810.
KARTAGENER TRIAD	C9.150.531	
EAR DISEASES	C9.218	C21.866.460.
CEREBROSPINAL OTORRHEA	C9.218.151	
EAR DEFORMITIES, ACQUIRED	C9.218.271	C4.588.443.
EAR NEOPLASMS	C9.218.334	C23.888.592.
EARACHE	C9.218.350	C10.597.257. C23.888.592.
HEARING DISORDERS	C9.218.458	C10.597.257. C23.888.592.
DEAFNESS	C9.218.458.288	
DEAFNESS, SUDDEN	C9.218.458.288.460	C10.597.257. C23.888.592.
HEARING LOSS, PARTIAL	C9.218.458.500	
HEARING LOSS, BILATERAL	C9.218.458.500.403	
HEARING LOSS, CONDUCTIVE •	C9.218.458.500.437	
HEARING LOSS, FUNCTIONAL •	C9.218.458.500.442	F3.126.420
HEARING LOSS, HIGH-FREQUENCY •	C9.218.458.500.448	
HEARING LOSS, SENSORINEURAL	C9.218.458.500.481	
HEARING LOSS, CENTRAL •	C9.218.458.500.481.432	C9.218.807. C10.228.140.
HEARING LOSS, NOISE-INDUCED	C9.218.458.500.481.460	
PRESBYCUSIS •	C9.218.458.500.481.772	
RECRUITMENT, LOUDNESS	C9.218.458.725	C10.597.257. C23.888.592.
TINNITUS	C9.218.458.791	C10.597.257. C23.888.592.
LABYRINTH DISEASES	C9.218.568	
LABYRINTHITIS •	C9.218.568.315	
MENIERE'S DISEASE	C9.218.568.382	
MOTION SICKNESS	C9.218.568.498	C21.866.620
VERTIGO	C9.218.568.883	C10.597.951 C23.888.592.
OTITIS	C9.218.705	
OTITIS EXTERNA	C9.218.705.496	
OTITIS MEDIA	C9.218.705.663	
MASTOIDITIS	C9.218.705.663.652	
OTITIS MEDIA WITH EFFUSION	C9.218.705.663.683	
OTITIS MEDIA, SUPPURATIVE •	C9.218.705.663.694	
OTOSCLEROSIS	C9.218.768	
RETROCOCHLEAR DISEASES (NON MESH)	C9.218.807	
ACOUSTIC NERVE DISEASES	C9.218.807.23	C10.772.204.
NEUROMA, ACOUSTIC	C9.218.807.23.675	C4.557.652. C4.588.614. C10.772.204.
AUDITORY DISEASES, CENTRAL	C9.218.807.186	C10.228.140.
AUDITORY PERCEPTUAL DISORDERS •	C9.218.807.186.94	C10.228.140. F3.126.185.
HEARING LOSS, CENTRAL •	C9.218.807.186.432	C9.218.458. C10.228.140.
LARYNGEAL DISEASES	C9.400	
GRANULOMA, LARYNGEAL •	C9.400.232	C8.618.846. C23.484.600
LARYNGEAL EDEMA	C9.400.313	
LARYNGEAL NEOPLASMS	C9.400.369	C4.588.443.
LARYNGEAL PERICHONDRITIS	C9.400.424	
LARYNGISMUS	C9.400.480	C8.618.573
LARYNGITIS	C9.400.535	C8.730.348
CROUP •	C9.400.535.365	
LARYNGOSTENOSIS	C9.400.591	
TUBERCULOSIS, LARYNGEAL	C9.400.860	C1.252.40. C8.730.884
VOCAL CORD PARALYSIS	C9.400.931	C10.597.622. C10.772.204. C23.888.592.
VOICE DISORDERS	C9.400.940	C10.597.257. C23.888.592. F3.126.219.
APHONIA	C9.400.940.160	C10.597.257. C23.888.592. F3.126.219.
HOARSENESS	C9.400.940.490	C8.618.445 C10.597.257. C23.888.592. C23.888.852.
NASOPHARYNGEAL DISEASES	C9.520	
NASOPHARYNGEAL NEOPLASMS	C9.520.557	C4.588.443.
NOSE DISEASES	C9.603	
CEREBROSPINAL RHINORRHEA	C9.603.138	C21.866.460.
CHOANAL ATRESIA	C9.603.171	C16.131.621.
EPISTAXIS	C9.603.261	C23.542.344
GRANULOMA, LETHAL MIDLINE	C9.603.352	C23.484.451
NASAL POLYPS	C9.603.557	C4.799.640
NOSE DEFORMITIES, ACQUIRED	C9.603.619	

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HEARING LOSS, CONDUCTIVE see under HEARING LOSS, PARTIAL
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HEARING LOSS, EXTREME see DEAFNESS

HEARING LOSS, FUNCTIONAL see under HEARING LOSS, PARTIAL
X HEARING LOSS, NONORGANIC

HEARING LOSS, HIGH-FREQUENCY see under HEARING LOSS, PARTIAL

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79
X DEAFNESS, PARTIAL
XU HEARING LOSS, BILATERAL
XU HEARING LOSS, CONDUCTIVE
XU HEARING LOSS, FUNCTIONAL
XU HEARING LOSS, HIGH-FREQUENCY

22

Subject headings can be found by scanning the MeSH List. The headings can then be looked up in the Index Medicus volumes to locate references to the periodical literature on the subject.

MeSH TREE STRUCTURES

Source for Additional Related Headings

OTORHINOLARYNGOLOGIC DISEASES	C9
CILIARY MOTILITY DISORDERS	C9.150
KARTAGENER TRIAD	C9.150.531
EAR DISEASES	C9.218
CEREBROSPINAL OTORRHEA	C9.218.151
EAR DEFORMITIES, ACQUIRED	C9.218.271
EAR NEOPLASMS	C9.218.334
EARACHE	C9.218.350
HEARING DISORDERS	C9.218.458
DEAFNESS	C9.218.458.288
DEAFNESS, SUDDEN	C9.218.458.288.460
HEARING LOSS, PARTIAL	C9.218.458.500
HEARING LOSS, BILATERAL *	C9.218.458.500.403
HEARING LOSS, CONDUCTIVE *	C9.218.458.500.437
HEARING LOSS, FUNCTIONAL *	C9.218.458.500.443
HEARING LOSS, HIGH-FREQUENCY *	C9.218.458.500.448
HEARING LOSS, SENSORINEURAL	C9.218.458.500.481
HEARING LOSS, CENTRAL *	C9.218.458.500.481.432
HEARING LOSS, NOISE-INDUCED	C9.218.458.500.481.460
PRESBYCUSIS *	C9.218.458.500.481.772
RECRUITMENT, LOUDNESS	C9.218.458.725
TINNITUS	C9.218.458.791
LABYRINTH DISEASES	C9.218.568
LABYRINTHITIS *	C9.218.568.315
MENIERE'S DISEASE	C9.218.568.382
MOTION SICKNESS	C9.218.568.498

To use tree numbers, find one under a useful heading in the MeSH List. Then locate that number in the Tree Structure section in the MeSH List. Subject headings assigned similar tree numbers are related and grouped together. You can then look up these new headings in the Index Medicus volumes to locate more references.

INDEX MEDICUS

Source for references to periodical articles

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HEARING DISORDERS

DIAGNOSIS

✓ Hearing identification of the preschool child: a proposed training program. Wall LG, et al. Folia Phoniatr (Basel) 1987;39(1):145-52
✓ Hearing loss in children with congenital heart disease: a preliminary report. Arnold SA, et al. Int J Pediatr Otorhinolaryngol 1986 Sep;11(3):287-93
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Arnold S see Turner M
Arnold SA, Brown OE, Finitzo T: Hearing loss in children with congenital heart disease: a preliminary report. Int J Pediatr Otorhinolaryngol 1986 Sep;11(3):287-93

Known authors (first-named only) can be searched for in the Author Index to find references to periodical articles written by specific persons.

32 33 34

Science Citation Index

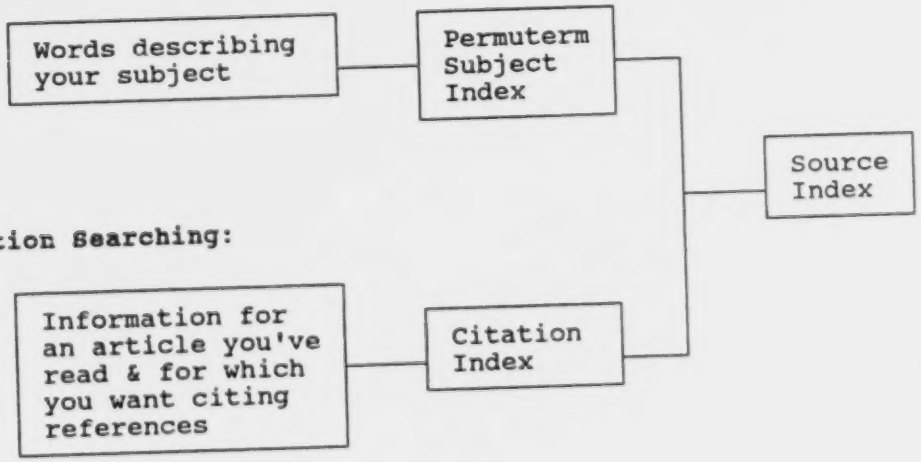
Science Citation Index
(AREA 18)

A periodical article cites "documents that support, provide precedent for, illustrate, or elaborate on what the author has to say. Citations are the formal, explicit linkages between papers that have particular points in common. A citation index is built around these linkages."

From: Eugene Garfield. Citation Indexing. New York, Wiley, 1979. p. 1.

We will examine two ways to use the Science Citation Index: Subject searching and citation searching. The general search patterns are illustrated below and will be examined in greater detail in class using the pages in this section:

Subject Searching:



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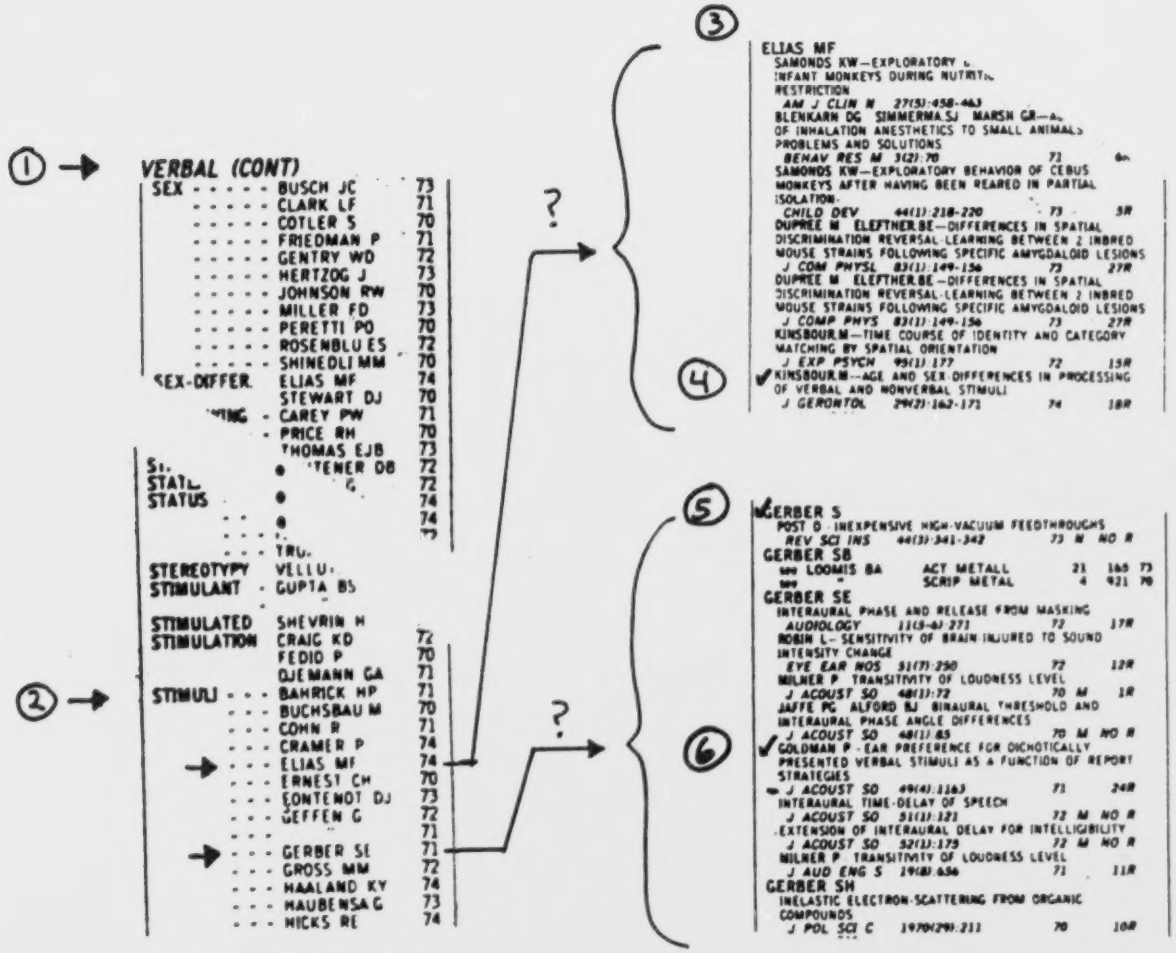
①
②
③
④
⑤
⑥
?
?
VERBAL (CONT)
SEX - - - - - BUSCH JC 73
- - - - - CLARK LF 71
- - - - - COTLER S 70
- - - - - FRIEDMAN P 71
- - - - - GENTRY WD 72
- - - - - HERTZOG J 73
- - - - - JOHNSON RW 70
- - - - - MILLER FD 73
- - - - - PERETTI PO 70
- - - - - ROSENBLUES 72
- - - - - SHINEDLI MM 70
SEX-DIFFER. ELIAS MF 74
STEWART DJ 70
- CAREY PW 71
- PRICE RH 70
THOMAS EJB 73
STATUS 72
STATUS 74
74
74
TRU.
STEREOTYPY VELLU.
STIMULANT - GUPTA BS
STIMULATED SHEVRIN H
STIMULATION CRAIG KD 72
FEDIO P 70
OJEMANN GA 71
STIMULI - - - BAHRICK HP 71
- - - BUCHSBAU M 70
- - - COHN R 71
- - - CRAMER P 74
- - - ELIAS MF 74
- - - ERNEST CH 70
- - - FONTENOT DJ 73
- - - GEFFEN G 72
- - - 71
- - - GERBER SE 71
- - - GROSS MM 72
- - - HAALAND KY 74
- - - HAUBENSAG 73
- - - HICKS RE 74
ELIAS MF
SAMONDS KW—EXPLORATORY
INFANT MONKEYS DURING NUTRITI
RESTRICTION
AM J CLIN N 27(5):458-463
BLENKARN DG SIMMERMA SJ MARSN GR—A
OF INHALATION ANESTHETICS TO SMALL ANIMALS
PROBLEMS AND SOLUTIONS
BEHAV RES M 3(2):70 71 6R
SAMONDS KW—EXPLORATORY BEHAVIOR OF CEBUS
MONKEYS AFTER HAVING BEEN REARED IN PARTIAL
ISOLATION.
CHILD DEV 44(1):218-220 73 5R
DUPREE M ELEFTHER.BE—DIFFERENCES IN SPATIAL
DISCRIMINATION REVERSAL-LEARNING BETWEEN 2 INBRED
MOUSE STRAINS FOLLOWING SPECIFIC AMYGDALOID LESIONS
J COM PHYSL 83(1):149-156 73 27R
DUPREE M ELEFTHER.BE—DIFFERENCES IN SPATIAL
DISCRIMINATION REVERSAL-LEARNING BETWEEN 2 INBRED
MOUSE STRAINS FOLLOWING SPECIFIC AMYGDALOID LESIONS
J COMP PHYS 83(1):149-156 73 27R
KINSBOUR.M—TIME COURSE OF IDENTITY AND CATEGORY
MATCHING BY SPATIAL ORIENTATION
J EXP PSYCH 95(1):177 72 15R
✓KINSBOUR.M—AGE AND SEX DIFFERENCES IN PROCESSING
OF VERBAL AND NONVERBAL STIMULI
J GERONTOL 29(2):162-173 74 18R
✓GERBER S
POST O INEXPENSIVE HIGH-VACUUM FEEDTHROUGHS
REV SCI INS 44(3):341-342 73 M NO R
GERBER SB
LOOMIS BA ACT METALL 21 165 73
SCRIP METAL 4 921 70
GERBER SE
INTERAURAL PHASE AND RELEASE FROM MASKING
AUDIOLOGY 11(3-6):271 72 17R
ROBIN L—SENSITIVITY OF BRAIN INJURED TO SOUND
INTENSITY CHANGE
EYE EAR NOS 51(7):250 72 12R
MILNER P TRANSITIVITY OF LOUDNESS LEVEL
J ACOUST SO 48(1):72 70 M 1R
JAFFE PG ALFORD BJ BINAURAL THRESHOLD AND
INTERAURAL PHASE ANGLE DIFFERENCES
J ACOUST SO 48(1):85 70 M NO R
✓GOLDMAN P—EAR PREFERENCE FOR DICHOTICALLY
PRESENTED VERBAL STIMULI AS A FUNCTION OF REPORT
STRATEGIES
J ACOUST SO 49(4):1163 71 24R
INTERAURAL TIME-DELAY OF SPEECH
J ACOUST SO 51(1):121 72 M NO R
EXTENSION OF INTERAURAL DELAY FOR INTELLIGIBILITY
J ACOUST SO 52(1):179 72 M NO R
MILNER P TRANSITIVITY OF LOUDNESS LEVEL
J AUD ENG S 19(8):636 71 11R
GERBER SH
INELASTIC ELECTRON-SCATTERING FROM ORGANIC
COMPOUNDS
J POL SCI C 1970(29):211 70 10R

Partial Page From:
Science Citation Index Guide: List of Source Publications

11 Character - Full Title	
J ACM	JOURNAL OF THE ASSOCIATION FOR COMPUTING MACHINERY
* J ACOUST SO	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA
J ADHESION	JOURNAL OF ADHESION
J AEROS SCI	JOURNAL OF AEROSOL SCIENCE
J AFFECT D	JOURNAL OF AFFECTIVE DISORDERS
J AGR CHE J	JOURNAL OF THE AGRICULTURAL CHEMICAL SOCIETY OF JAPAN
J AGR ECON	JOURNAL OF AGRICULTURAL ECONOMICS
J AGR ENG R	JOURNAL OF AGRICULTURAL ENGINEERING RESEARCH
J AGR FOOD	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY
J AGR SCI	JOURNAL OF AGRICULTURAL SCIENCE
J AGR U P R	JOURNAL OF AGRICULTURE OF THE UNIVERSITY OF PUERTO RICO
J AIR POLLU	JOURNAL OF THE AIR POLLUTION CONTROL ASSOCIATION
J ALGEBRA	JOURNAL OF ALGEBRA
J ALLERG CL	JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY
J AM A CHIL	JOURNAL OF THE AMERICAN ACADEMY OF CHILD PSYCHIATRY
J AM ACAD D	JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY
J AM ANIM H	JOURNAL OF THE AMERICAN ANIMAL HOSPITAL ASSOCIATION
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J AM CHEM S	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY
J AM COL C	JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY
J AM COL N	JOURNAL OF THE AMERICAN COLLEGE OF NUTRITION
J AM COLL T	JOURNAL OF THE AMERICAN COLLEGE OF TOXICOLOGY
J AM CONC I	

11 Character - Full Title	
J ANTIBIOT	JOURNAL OF ANTIBIOTICS
J ANTIMICRO	JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY
J AOAC	JOURNAL OF THE ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS
J APICULT R	JOURNAL OF APICULTURAL RESEARCH
J APP PHYSL	JOURNAL OF APPLIED PHYSIOLOGY
J APPL BACT	JOURNAL OF APPLIED BACTERIOLOGY
J APPL CHEM	JOURNAL OF APPLIED CHEMISTRY OF THE USSR
J APPL CRYS	JOURNAL OF APPLIED CRYSTALLOGRAPHY
J APPL ECOL	JOURNAL OF APPLIED ECOLOGY
J APPL ELEC	JOURNAL OF APPLIED ELECTROCHEMISTRY
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J APPL MECH	JOURNAL OF APPLIED MECHANICS-TRANSACTIONS OF THE ASME
J APPL PHYS	JOURNAL OF APPLIED PHYSICS
J APPL POLY	JOURNAL OF APPLIED POLYMER SCIENCE
J APPL PROB	JOURNAL OF APPLIED PROBABILITY
J APPL TOX	JOURNAL OF APPLIED TOXICOLOGY
J APPROX TH	JOURNAL OF APPROXIMATION THEORY
J AQUAT PL	JOURNAL OF AQUATIC PLANT MANAGEMENT
J ARACHNOL	JOURNAL OF ARACHNOLOGY
J ARID ENV	JOURNAL OF ARID ENVIRONMENTS
J ARN ARBOR	JOURNAL OF THE ARNOLD ARBORETUM
J AS PUB AN	JOURNAL OF THE ASSOCIATION OF PUBLIC ANALYSTS
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ACID MAGA	SEL	Acid Magazine. <Solna>. . . . . 1984+
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QH 545. A17 A37		Acid Rain Update. . . . . On order
Uncataloged		Acoma. <Paris>. LIMITED LOAN. . . . . no.1-4/5, 1971-73 (ceased publication)
AP 20. A25	SPEC	Acorn. <London>. NON-CIRCULATING. . . . . no.1-2, 1905-06 (ceased publication)
AP 2. A25	SEL	Acoustical Imaging and Holography. <New York>. LIMITED LOAN. . . . v.1, 1978-79 (ceased publication)
QC 244.5. A26	SEL	Acoustical Society of America. Journal. <New York>. Recent unbound issues in Periodical Reading Area. LIMITED LOAN. . . . . v.1+, 1929+; (v.1-40, 1929-66 annex)
* QC 1. A2		
QC 221. A25	SEL	Acoustics Abstracts. <Brentwood>. NON CIRCULATING. v.1-9, 1967-76
QC 221. A35	SEL	Acoustics Letters. <London>. Recent unbound issues in Periodical Reading Area. LIMITED LOAN. . . . . v.1+, 1977+
NK 1125. A16	ARTS	Acquire. <New York>. LIMITED LOAN. (Continued by: Miniature Collector) v.1-4, 1973-76 (incomplete)
R 106. J68	SEL	Acquisitiones Medicales Recentes SEE: Journees Medicales Annuelles de Broussais-La Charite. Acquisitiones Medicales Recentes. . . . . 1970; (1970 arlf)
Uncataloged	GOVP	Acreage. <Washington, D C>. (Agency: U.S. Statistical Reporting Service). . . . . 1975+
PE 1693. G3		Acronyms and Initialisms Dictionary. <Detroit>. NON CIRCULATING. (Continues: Acronyms Dictionary) (Continued by: Acronyms, Initialisms, & Abbreviations Dictionary) . . . 2nd-4th, 1965-73
PE 1693. G3		Acronyms Dictionary. <Detroit>. NON-CIRCULATING. (Continued by: Acronyms and Initialisms Dictionary) . . . . . 1st ed., 1960
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PE 1693. G3 COPY 3	GOVP	Acronyms, Initialisms, and Abbreviations Dictionary. <Detroit>. NON-CIRCULATING. (Continues: Acronyms and Initialisms Dictionary) . . . . . Keep latest edition only
PE 1693. G3 COPY 4	ARTS	Acronyms, Initialisms, and Abbreviations Dictionary. <Detroit>. NON-CIRCULATING. (Continues: Acronyms & Initialisms Dictionary) . . . . . Keep latest edition only
PE 1693. G3		Acronyms, Initialisms, and Abbreviations Dictionary. <Detroit>. NON-CIRCULATING. (Continues: Acronyms and Initialisms Dictionary) . . . . . 5th+, 1976+
HC 101. C68		Across the Board. <New York>. Recent unbound issues in Periodical Reading Area. LIMITED LOAN. (Continues: Conference Board Record) . . . . . v.13+, 1976+
JN 248. C483		Across the Seas. <Dallas>. NON-CIRCULATING. . . . . 1980-84 (ceased publication)
AS 262. A3		Acta Academiae Aboensis. Humaniora SEE: Turku, Finland. Akademi (1918-). Acta Academiae Aboensis. Humaniora. v.1, no.1, 5, 1920; v.4-6, 1923-30; v.20, no.1, 1950; v.23, no.2, 1957; v.24, no.3, 1969; v.46, 1973; v.27, no.3, 1984

(1) (2) (3) (4)

27

41

42

Science Citation Index

Citation Searching

Ear Preference for Dichotically Presented Verbal Stimuli as a Function of Report Strategies

QC
1
A2

SANFORD E. GERBER AND PHYLLIS GOLDMAN

University of California, Santa Barbara, California 93106

A study was done to investigate lateral asymmetries in the perception of dichotic synthetic verbal stimuli in a group of 24 normal-hearing right-handed subjects. The subjects were tested under the following reporting conditions: (1) *free recall*, in which the subject reported the stimuli in any order; (2) *ordered before*, in which the subject was instructed which ear to report first before the presentation of stimuli; and (3) *ordered after*, in which the subject was instructed which ear to report first after the presentation of the stimuli. It was found that a significant right-ear preference for dichotically presented verbal stimuli existed regardless of the report strategy employed. In all three reporting conditions, the right ear showed a significant superiority of accuracy of response.

INTRODUCTION

Differences exist between the two ears in performance on dichotic listening tasks. It has been reported by Kimura (1961a), Bryden (1963), Broadbent and Gregory (1964), Satz *et al.* (1965), Bartz *et al.* (1967), and Cooper *et al.* (1967), all of whom used a dichotic digits test, that when the two ears were stimulated simultaneously with different verbal stimuli, the right ear was superior to the left in accuracy of perception.

Other dichotic stimuli have been employed to determine whether certain types of material were recalled or recognized better if presented to one ear rather than to the other. Dirks (1964), using both digits and filtered phonetically balanced word lists, found significantly greater recognition from the right ear for both stimuli. Synthetic consonant–vowel (CV) nonsense syllables produced a substantial right-ear superiority in a study by Shankweiler and Studdert-Kennedy (1967).

Controversy and confusion have resulted from the findings of ear asymmetry in dichotic-listening experiments, and the hypothesis of laterality effects in dichotic listening has been questioned and challenged (e.g., by Inglis, 1965, but answered by Bryden, 1967). There have been assertions that the right-ear effect was merely an artifact (resolved by Cooper *et al.*, 1967); that a perceptual deficit did not exist (Calearo and Antonelli, 1963); and that an attentional bias (Oxbury, Oxbury, and Gardiner, 1967), or an order of report bias (Carr, 1969), or a memory deficit (Inglis, 1965) was responsible for the laterality effects.

When Broadbent (1954) first developed his technique of simultaneous presentation of two messages, one to one ear and one to the other, he found that "almost all correct responses to binaural lists were written down in such an order that all digits presented to one ear were written down before any on the other ear."

This "order effect" was also suggested by Inglis (1962), who contended that the reported ear differences were not due to perceptual deficits but rather to memory deficits. His case was (apparently successfully) refuted by Bryden (1967). Oxbury, Oxbury, and Gardiner (1967) remarked that "an attentional bias towards the right ear may explain the apparent right ear superiority when free recall is allowed."

To eliminate the order of report as a biasing factor, Bryden (1962, 1963) controlled the order of report so that each channel was reported first equally often. He found that right-ear superiority consistently occurred when a free-recall procedure was utilized as well as when the order of report was controlled. Similar findings were reported by Satz, *et al.* (1965), Bartz, *et al.* (1967), and Cooper, *et al.* (1967).

The purpose of this study was to explore the function of three different report strategies on ear preference for dichotically presented verbal stimuli, and to test the hypothesis that right-ear preference for dichotically presented verbal stimuli occurs regardless of the report strategy employed.

Journal of the Acoustical Society of America,
v49 (April 1971), 1163-1168.

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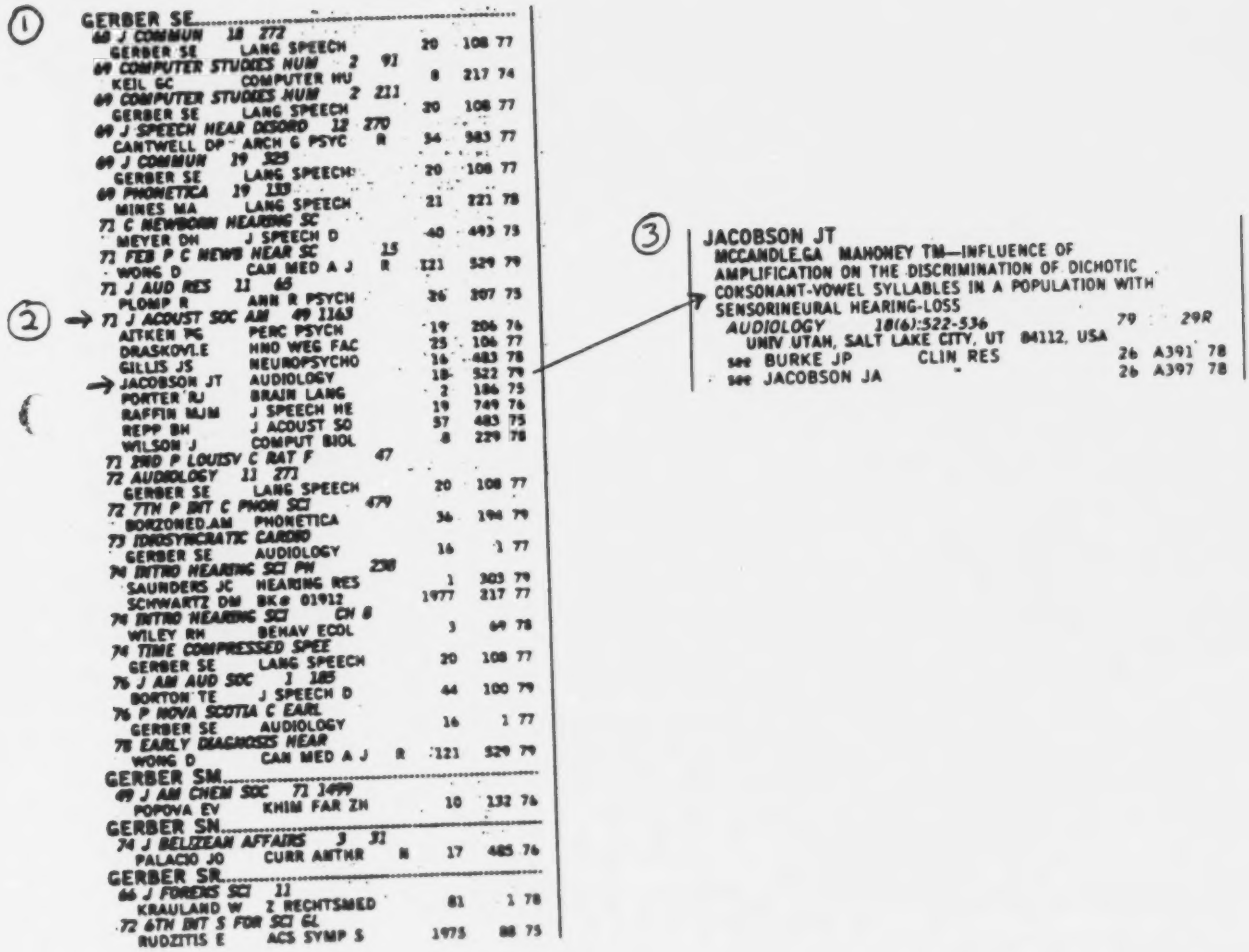
Citation Index

Source Index


(1)
GERBER SE
60 J COMMUN 18 272
GERBER SE LANG SPEECH 20 108 77
69 COMPUTER STUDIES NUM 2 91
KEIL GC COMPUTER WU 8 217 74
69 COMPUTER STUDIES NUM 2 211
GERBER SE LANG SPEECH 20 108 77
69 J SPEECH HEAR DISORD 12 270
CANTWELL DP ARCH G PSYC R 34 383 77
69 J COMMUN 19 325
GERBER SE LANG SPEECH 20 108 77
69 PHONETICA 19 133
MINES MA LANG SPEECH 21 221 78
71 C NEWBORN HEARING SC
MEYER DH J SPEECH D 40 493 75
71 FEB P C NEWB HEAR SC 15
WONG D CAN MED A J R 121 529 79
71 J AUD RES 11 65
PLOMP R ANN R PSYCH 36 397 75
(2) → 71 J ACOUST SOC AM 49 1163
AITKEN PG PERC PSYCH 19 206 76
DRASKOVIC HNO WEG FAC 25 106 77
GILLIS JS NEUROPSYCHO 16 483 78
→ JACOBSON JT AUDIOLOGY 18 522 79
PORTER RJ BRAIN LANG 2 186 75
RAFFIN MJM J SPEECH HE 19 749 76
REPP BH J ACOUST SO 57 483 75
WILSON J COMPUT BIOL 8 229 78
71 2ND P LOUISV C RAT F 47
72 AUDIOLOGY 11 271
GERBER SE LANG SPEECH 20 108 77
72 7TH P INT C PHON SCI 479
BORZONE DE AM PHONETICA 36 194 79
73 IDIOSYNCRATIC CARDIO
GERBER SE AUDIOLOGY 16 1 77
74 INTRO HEARING SCI PH 238
SAUNDERS JC HEARING RES 1 303 79
SCHWARTZ DM BK@ 01912 1977 217 77
74 INTRO HEARING SCI CH 8
WILEY RH BEHAV ECOL 3 69 78
74 TIME COMPRESSED SPEE
GERBER SE LANG SPEECH 20 108 77
76 J AM AUD SOC 1 185
BORTON TE J SPEECH D 44 100 79
76 P NOVA SCOTIA C EARL
GERBER SE AUDIOLOGY 16 1 77
78 EARLY DIAGNOSIS HEAR
WONG D CAN MED A J R 121 529 79
GERBER SM
69 J AM CHEM SOC 71 1499
POPOVA EV KHIM FAR ZH 10 132 76
GERBER SN
74 J BELIZEAN AFFAIRS 3 31
PALACIO JO CURR ANTHR N 17 485 76
GERBER SR
66 J FORENS SCI 11
KRAULAND W Z RECHTSMED 81 1 78
72 6TH INT S FOR SCI CL
RUDZITIS E ACS SYMP S 1975 88 75
(3)
JACOBSON JT
MCCANDLESS GA MAHONEY TM—INFLUENCE OF AMPLIFICATION ON THE DISCRIMINATION OF DICHOTIC CONSONANT-VOWEL SYLLABLES IN A POPULATION WITH SENSORINEURAL HEARING-LOSS
AUDIOLOGY 18(6):522-536 79 29R
UNIV UTAH, SALT LAKE CITY, UT 84112, USA
see BURKE JP CLIN RES 26 A391 78
see JACOBSON JA 26 A397 78

RF
290
.I5

Audiology

Journal of Auditory Communication

Official Organ of the International Society of Audiology

Vol. 18, No. 6, 1979

November/December 1979 Issue

Davis, H. and Hirsh, S.K. (St. Louis, Mo.): A Slow Brain Stem Response for Low-Frequency Audiometry 445

McClelland, R.J. and McCrea, R.S. (Belfast): Intersubject Variability of the Auditory-Evoked Brain Stem Potentials 462

Kevanishvili, Z. and Lagidze, Z. (Tbilisi): Recovery Function of the Human Brain Stem Auditory-Evoked Potential 472

Funasaka, S. and Honda, K. (Tokyo): Use of Frequency Modulation Combined with Amplitude Change to Elicit Frequency-Specific Whole-Nerve Response 485

Gardi, J.; Salamy, A., and Mendelson, T. (San Francisco, Calif.): Scalp-Recorded Frequency-Following Responses in Neonates 494

Whitfield, I.C. (Birmingham): Periodicity, Pulse Interval and Pitch 507

Nyumbe, C. (London): Luganda Speech Audiometry 513

Jacobson, J.T.; McCandless, G.A., and Mahoney, T.M. (Salt Lake City, Utah): Influence of Amplification on the Discrimination of Dichotic Consonant-Vowel Syllables in a Population with Sensorineural Hearing Loss 522

Book Review - Livre nouveau 537
Varia 538
Author Index 542
Subject Index 543
Contents Vol. 18 ..... after - après 546

It seems clear from the results of this study that the long-term use of amplification has introduced selective listening effects which have directly influenced dichotic test scores. It has been previously cited in this paper that a relationship exists between auditory training, learning and acoustic speech signals. Two factors appear to contribute to this association which have been brought forth from the results of this study. First, because monaural amplification increases the intensity of speech to the aided ear, there may be a tendency to emphasize the aided auditory pathway while reducing the efficiency and dependency of the contralateral unaided ear. Second through increased intensity alone, amplification may increase the discrimination or clarity of conversational levels of speech in a moderate hearing loss. We have seen in this study that a positive correlation exists between the ear with better monaural discrimination and the preferred ear in dichotic listening tasks. With an increase in intensity and an improvement in discrimination, the auditory system, over time, may become trained in selectively attending to incoming speech. Several studies [*Deutsch et al.*, 1967; *Gerber and Goldman*, 1971; *Triesman*, 1964, 1969; *Wilson et al.*, 1968] support this point by suggesting that the effects of selective listening will alter dichotic ear performance.

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Harshman, R. and Krashen, S.: An 'unbiased' procedure for comparing degree of lateralization of dichotically presented stimuli. 83rd Meet. Acoust. Soc. America (1972).

Henoch, M.A. and Allen, D.V.: The effects of meaningfulness and phonetic feature differences on a dichotic speech perceptive task. Meet. Am. Speech and Hearing Ass., Houston 1976.

Hoops, R.A.: Speech science: acoustics in speech (Thomas, Springfield 1969).

Johnson, L.K. and Ryan, W.J.: Test-re-test performance of males and females on a verbal dichotic listening task. 89th Meet. Acoust. Soc. Am., Austin 1975.

Kimura, D.: Cerebral dominance and the perception of verbal stimuli. Can. J. Psychol. *15:* 166–171 (1961a).

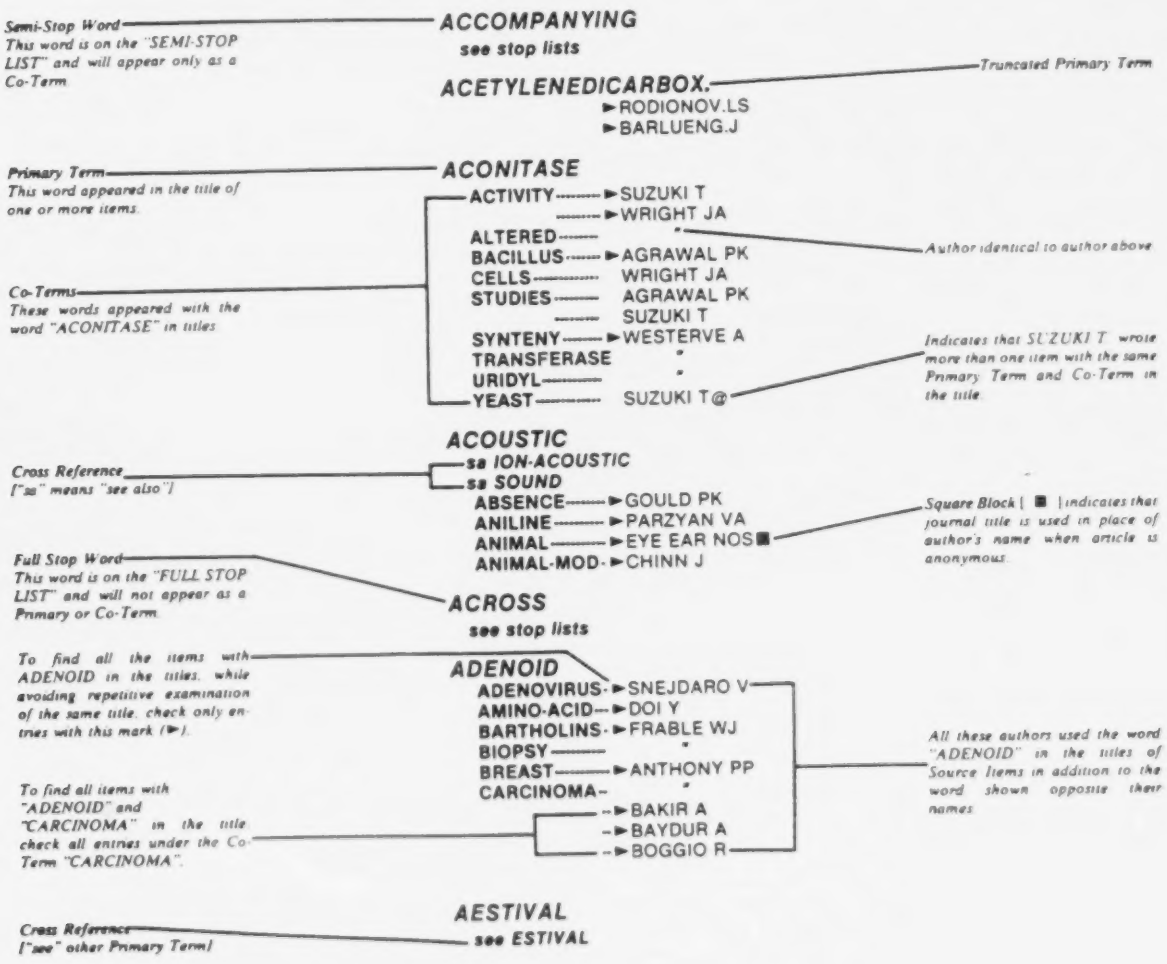
Kimura, D.: Some effects of temporal-lobe damage on auditory perception. Can. J. Psychol. *15:* 156–165 (1961b).

PERMUTERM® SUBJECT INDEX

The *Permuterm Subject Index (PSI)* is generated from the title words of source items indexed in the *SCI*®. To find source items on a specific topic:

1. Locate any one of the words (Primary Terms) that describes the topic. If you want every unique title that includes that primary term, select only the items marked with an arrow (►). The arrow indicates the first listing of each unique Source item.
2. To narrow selection, use any of the other words (Co-Terms) listed below that Primary Term. When using co-terms always disregard arrows.
3. Using authors' names consult the *Source Index* for the full titles and bibliographic data. (See sample *Source Index* entry below.)

Sample Display

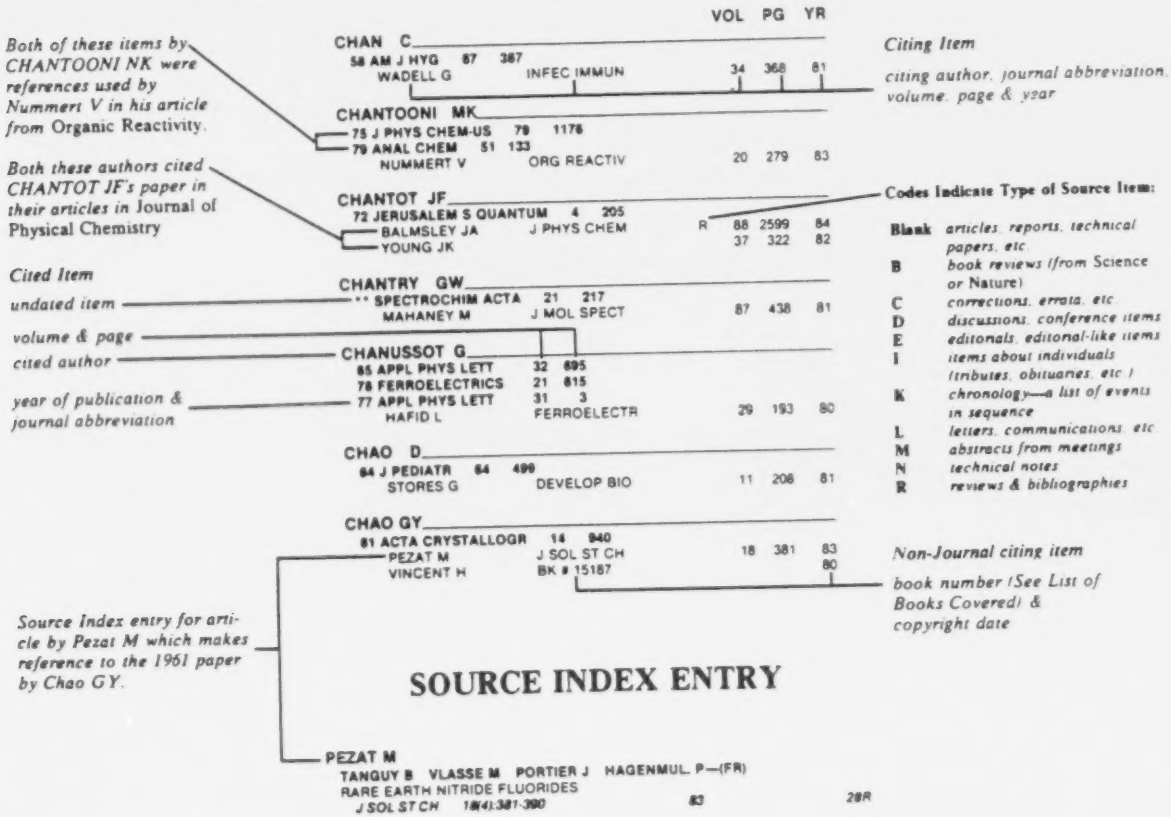

Semi-Stop Word
This word is on the "SEMI-STOP LIST" and will appear only as a Co-Term.
ACCOMPANYING
see stop lists
Truncated Primary Term
ACETYLENEDICARBOX.
►RODIONOV.LS
►BARLUENG.J
Primary Term
This word appeared in the title of one or more items.
ACONITASE
ACTIVITY ►SUZUKI T
►WRIGHT JA
ALTERED "
BACILLUS ►AGRAWAL PK
CELLS WRIGHT JA
STUDIES AGRAWAL PK
SUZUKI T
SYNTENY ►WESTERVE A
TRANSFERASE "
URIDYL "
YEAST SUZUKI T@
Author identical to author above
Co-Terms
These words appeared with the word "ACONITASE" in titles
Indicates that SUZUKI T wrote more than one item with the same Primary Term and Co-Term in the title.
ACOUSTIC
Cross Reference
["sa" means "see also"]
sa ION-ACOUSTIC
sa SOUND
ABSENCE ►GOULD PK
ANILINE ►PARZYAN VA
ANIMAL ►EYE EAR NOS■
ANIMAL-MOD ►CHINN J
Square Block [■] indicates that journal title is used in place of author's name when article is anonymous.
Full Stop Word
This word is on the "FULL STOP LIST" and will not appear as a Primary or Co-Term.
ACROSS
see stop lists
To find all the items with ADENOID in the titles, while avoiding repetitive examination of the same title, check only entries with this mark (►).
ADENOID
ADENOVIRUS ►SNEJDARO V
AMINO-ACID ►DOI Y
BARTHOLINS ►FRABLE WJ
BIOPSY "
BREAST ►ANTHONY PP
CARCINOMA "
►BAKIR A
►BAYDUR A
►BOGGIO R
All these authors used the word "ADENOID" in the titles of Source Items in addition to the word shown opposite their names.
To find all items with "ADENOID" and "CARCINOMA" in the title, check all entries under the Co-Term "CARCINOMA".
Cross Reference
["see" other Primary Term]
AESTIVAL
see ESTIVAL

CITATION INDEX

The *Citation Index* of the *SCI*® 1980-1984 Cumulation is an alphabetical listing by author of all the references (cited items) found in footnotes and bibliographies of journals (citing items) covered in this cumulation. Only the first author of a cited item is given in the *Citation Index*.

To search the *Citation Index*, look up the name of an author known to have published material relevant to the subject area of your interest. If any author's previously published works have been cited during the period covered by the *SCI* edition you are using, the item will appear in the *Citation Index* and the authors citing the material will be listed. Using the names of these citing authors you can then enter the *Source Index* for complete descriptions of their articles. (See sample *Source Index* entry below.) To locate book reviews from *Nature* or *Science*, look up the author of the book and select only those items coded 'B' (book review).

Sample Display

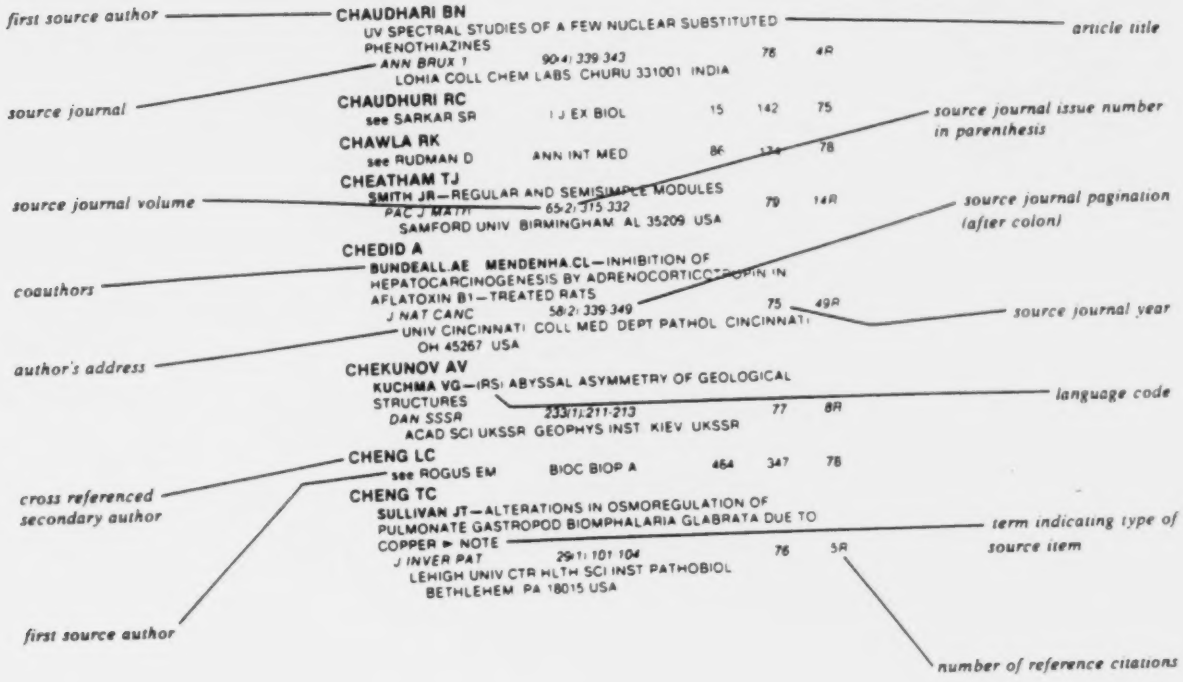

VOL PG YR
CHAN C
58 AM J HYG 87 387
WADELL G INFEC IMMUN 34 368 81
CHANTOONI MK
75 J PHYS CHEM-US 79 1176
79 ANAL CHEM 51 133
NUMMERT V ORG REACTIV 20 279 83
CHANTOT JF
72 JERUSALEM S QUANTUM 4 205
BALMSLEY JA J PHYS CHEM R 88 2599 84
YOUNG JK 37 322 82
CHANTRY GW
** SPECTROCHIM ACTA 21 217
MAHANEY M J MOL SPECT 87 438 81
CHANUSSOT G
65 APPL PHYS LETT 32 695
78 FERROELECTRICS 21 615
77 APPL PHYS LETT 31 3
HAFID L FERROELECTR 29 193 80
CHAO D
64 J PEDIATR 64 499
STORES G DEVELOP BIO 11 208 81
CHAO GY
61 ACTA CRYSTALLOGR 14 940
PEZAT M J SOL ST CH 18 381 83
VINCENT H BK # 15187 80
Both of these items by CHANTOONI NK were references used by Nummert V in his article from Organic Reactivity.
Both these authors cited CHANTOT JF's paper in their articles in Journal of Physical Chemistry
Cited Item
undated item
volume & page
cited author
year of publication & journal abbreviation
Citing Item
citing author, journal abbreviation, volume, page & year
Codes Indicate Type of Source Item:
Blank articles, reports, technical papers, etc.
B book reviews (from Science or Nature)
C corrections, errata, etc.
D discussions, conference items
E editorials, editorial-like items
I items about individuals (tributes, obituaries, etc.)
K chronology—a list of events in sequence
L letters, communications, etc.
M abstracts from meetings
N technical notes
R reviews & bibliographies
Non-Journal citing item
book number (See List of Books Covered) & copyright date
Source Index entry for article by Pezat M which makes reference to the 1961 paper by Chao GY.

SOURCE INDEX ENTRY

SOURCE INDEX

The *Source Index* contains bibliographic descriptions of the items indexed in the *SCI*®. These items may be journal articles, book chapters or editor entries. To locate a full description of a source item, look up the first author's name. Under a given name, items of primary authorship are described first. Items of secondary authorship follow and are cross-referenced to the first author whose name follows the word SEE.

Sample Display


first source author
CHAUDHARI BN
UV SPECTRAL STUDIES OF A FEW NUCLEAR SUBSTITUTED PHENOTHIAZINES
article title
source journal
ANN BRUX T
LOHIA COLL CHEM LABS CHURU 331001 INDIA
CHAUDHURI RC
see SARKAR SR
I J EX BIOL 15 142 75
source journal issue number in parenthesis
CHAWLA RK
see RUDMAN D
ANN INT MED 86 134 78
source journal volume
CHEATHAM TJ
SMITH JR—REGULAR AND SEMISIMPLE MODULES
PAC J MATH 65(2) 315 332 79 14R
SAMFORD UNIV BIRMINGHAM AL 35209 USA
source journal pagination (after colon)
coauthors
CHEDID A
BUNDEALL AE MENDENHA CL—INHIBITION OF HEPATOCARCINOGENESIS BY ADRENOCORTICOTROPIN IN AFLATOXIN B1—TREATED RATS
J NAT CANC 58(2) 339 349 75 49R
source journal year
author's address
UNIV CINCINNATI COLL MED DEPT PATHOL CINCINNATI OH 45267 USA
CHEKUNOV AV
KUCHMA VG—(RS) ABYSSAL ASYMMETRY OF GEOLOGICAL STRUCTURES
language code
DAN SSSR 233(1) 211 213 77 8R
ACAD SCI UKSSR GEOPHYS INST KIEV UKSSR
CHENG LC
see ROGUS EM
BIOC BIOP A 464 347 78
cross referenced secondary author
CHENG TC
SULLIVAN JT—ALTERATIONS IN OSMOREGULATION OF PULMONATE GASTROPOD BIOMPHALARIA GLABRATA DUE TO COPPER ▸ NOTE
term indicating type of source item
J INVER PAT 29(1) 101 104 76 5R
LEHIGH UNIV CTR HLTH SCI INST PATHOBIOL BETHLEHEM PA 18015 USA
first source author
number of reference citations

Preparing to Retrieve Records by Computer

Speech and Hearing Sciences 52
Spring 1990

Preparing to Retrieve Records by Computer

or

How to Convert/Translate a Topic into a Form Acceptable to a Computerized Source Which Provides References to Periodicals and Books on Your Subject

==========

1. Stating the Topic: Assume that we want to retrieve references to periodical articles on the following subject, using a computer:

   Hearing disorders in the elderly

   While preparing for our computer search, we always keep in mind that we are not interested in all publications about the elderly, nor are we interested in all publications about hearing disorders. We want only those references, each of which, discusses the relationship between our two topics.

2. Starting the Translation Procedure: We break our topic apart into its one or more important subtopics, or sets. Each set contains words that are synonymous and that pertain to one part of our overall topic. In this case, we have 2 sets:

Set A	Set B
Elderly	Hearing Disorders

3. Adding Additional Related Terms to Each of the Sets: Now we can add "synonymous" words and phrases (both controlled and free-text) to each set as appropriate. Our first attempt might look like this:

Set A	Set B
Elderly	Hearing Disorders
Aged	Auditory Diseases
Aging	Deafness
	Hearing Loss

4. A "Final" Selection of Terms: For various reasons, the final selection of terms in the two sets could look like this:

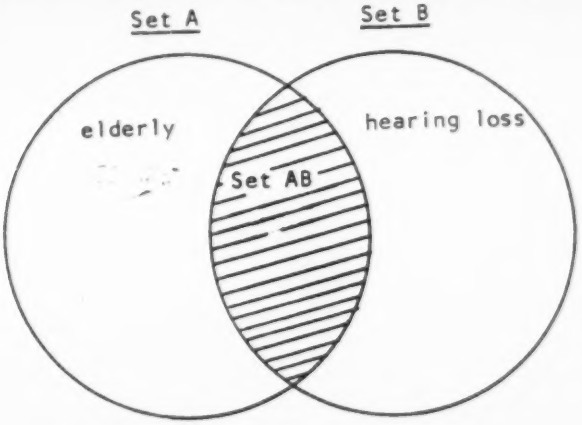
Set A	Set B
Elderly	Hearing disorders
Aged	Hearing loss

With the arrangement of the above terms, we are making the following statement concerning the goal of our computer search:

> The only records we want to retrieve are those containing at least one word or phrase from each set. The reason is that our subject consists of words and phrases from both sets, not just one.

5. The Boolean Operators: Although the words and phrases for our search have been selected, they have to be typed into the computer in a very logical way. The procedure for this part of the search process almost always includes typing what are known as Boolean operators, along with the words describing your subject. Computer systems use at least the following 3 operators: NOT, AND, OR. Some examples follow:

A. The AND Operator: The relationship between the two aspects of our topic can be shown by using a Venn diagram:



Conceptually the operation is as follows:

SET A AND SET B

Set A consists of all records containing at least 1 occurrence of the word ELDERLY, regardless of what other words also occur in those records.

Set B consists of all records containing at least 1 occurrence of the words HEARING LOSS (not necessarly in that order), regardless of what other words also occur in those records.

Set AB consists only of those records which contain at least 1 occurrence of the words from both sets A and B. In Boolean terms, this is an AND relationship and it is set AB that we are interested in because we want the AND operator to retrieve only those records which discuss both aspects of our topic.

On the next page are 3 partial records retrieved from a computer system. Notice that each record contains at least 1 occurrence from each of the 2 sets and that the AND operator places no restrictions on the word order or where in a given record each word occurs. (The words we searched for have been underlined):

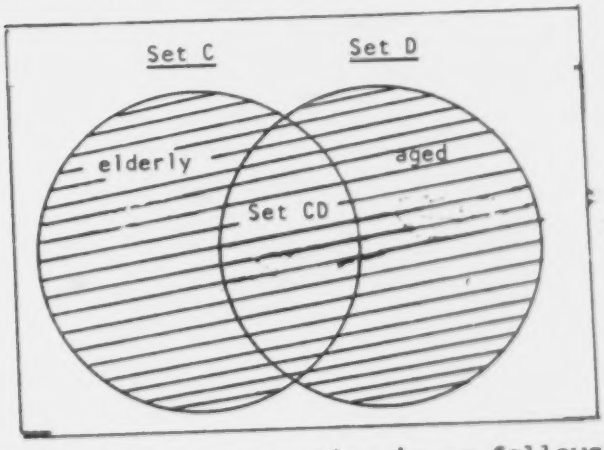
1. Hearing loss in the elderly.

2. Hearing aid selection for the elderly: considerations of central aging effects.
   Davidson SA; Wall LG
   Folia Phoniatr (Basel) 1988, 40(6) p270-6.
   Descriptors: Hearing Aids; Hearing Loss, Sensorineural--Rehabilitation; Aged, 80 and over

3. Diagnostic performance of the hearing handicap inventory for the elderly against differing definitions of hearing loss.
   Descriptors: Hearing Disorders--Diagnosis; Audiometry, Pure-Tone; Hearing Disorders--Classification

B. The OR Operator: As we have already seen, a computer search can easily include more than 1 free-text term or controlled-term (descriptor) within each set. For example, the ELDERLY set contains 2 words: ELDERLY and AGED. The OR operator will retrieve all records that contain at least 1 occurrence of the word ELDERLY or the word AGED or both.

A Venn diagram shows this relationship:



Conceptually the operation is as follows:

SET C OR SET D

Set C consists of all records containing at least 1 occurrence of the word ELDERLY.

Set D consists of those records containing at least 1 occurrence of the word AGED.

Set CD consists of those records containing at least 1 occurrence of both ELDERLY AND AGED.
When we use the OR operator, we are interested in the records from all 3 sets. This is what the OR operator guarantees. In other words we are telling the computer that we want to retrieve any record containing the word ELDERLY (from Set C) **OR** any record containing the word AGED (from Set D) as well as any record containing both ELDERLY **AND** AGED (Set CD).
Below are 5 sample titles that were retrieved using the OR operator:

1. Cardiac valve replacement in the elderly.
2. Cardiac adaptations to aortic constriction in adult and aged rats.
3. Correlates of systolic and diastolic blood pressure in men and women aged 35-64 years from selected Polish and US samples.
4. Weight, diet, and the risk of symptomatic gallstones in middle-aged women.
5. Use of words to describe aged or elderly: a factor analysis.

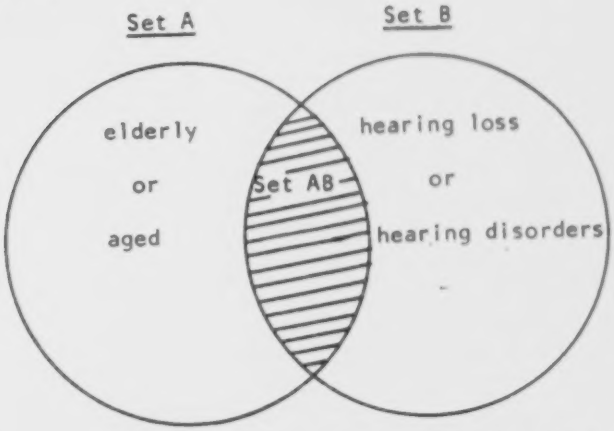
Setting Up the Final Sets: With knowledge of the AND & OR operators, our two sets can now be set up as follows:

Set A		Set B
[ELDERLY or AGED]	AND	[HEARING LOSS or HEARING DISORDERS]

or more simply:

elderly	Hearing loss
aged	Hearing disorders

The above 2 sets translate into the following Venn diagram:



Below are 6 titles of records, a few of which are fictitious, containing the various combinations of words from each of our sets and corresponding to the requirements of the 2 operators described so far:

1. Hearing loss in the elderly.

✓ 2. The prevalence of handicapping hearing loss in a child-aged population in Finland.

3. Social impact of hearing loss in the aged.

4. Loss of hearing in the elderly.

5. Hearing loss in the elderly and aged.

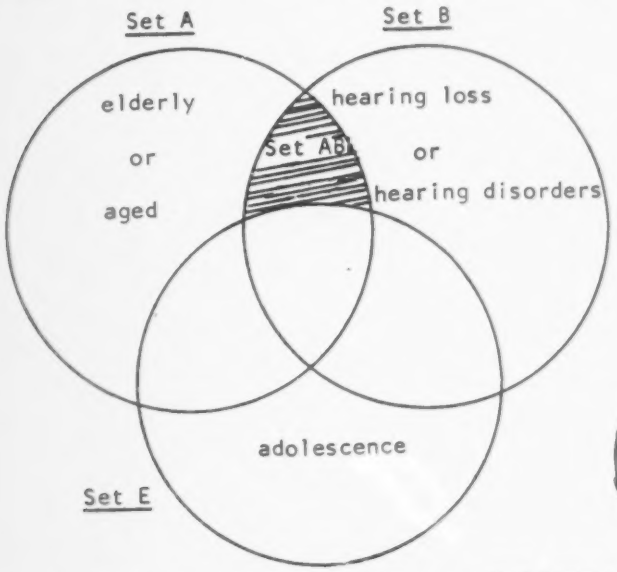
✓6. Hearing disorders in children aged 10-13.

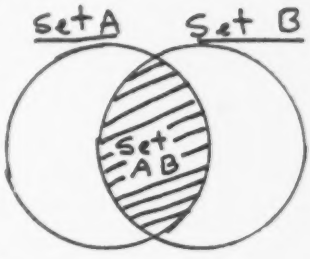
C. The NOT Operator: Sometimes a particular word that we typed, or did not type, into the system will cause a potentially serious problem: A number of non-relevant records will be retrieved.

Depending on how serious we consider the problem, we might want to tell the system to prevent the retrieval of any records which contain the offending word(s).

For example, 2 of the 6 titles above show that the word AGED is causing problems because the computer is not able to make distinctions between various meanings of a given word. AGED can refer to aged people, to middle-aged people, to children aged 12-15, etc.

The NOT operator will prevent the retrieval of records containing such words. See the Venn diagram below:





Conceptually the operation is as follows:

SET A AND SET B NOT SET E

AND NOT

In order to "NOT OUT" the offending word, it's a good idea to find out exactly which word we do not want. If we use the NOT operator on the word AGED, we will accidentally prevent the retrieval of useful records with such titles as Hearing problems of the aged.

To keep this sample problem to a minimum, we can often display the contents of fields such as the title and descriptor fields (the field containing the assigned subject headings), or the entire record if necessary, then find a controlled-term which we can easily NOT out. Remember that this is what we decided to do for this one example; each such problem is somewhat different and therefore requires a different way to solve that problem. The record below shows such an example:

Noise levels and exposure patterns to do-it-yourself power tools.
McClymont LG
Journal of Laryngology and Otology, 1989 Dec, 103(12):1140-1.
Descriptors: **Adolescence**; Adult; **Aged**; Environmental Exposure; **Hearing Loss**, Noise-Induced; Middle Age; Noise -- adverse effects

The important term here is the descriptor, Adolescence. If we NOT out that term, that will prevent the retrieval of any record on the subject of adolescence; and at the same time the retrieval of records about aged people should not be hurt.

As you can see, use of the NOT operator must be done with caution.

Sample Searches in a Hypothetical Database

(The OR Operator)

F TW HEARING DISORDERS OR HEARING LOSS

A

TI Hearing disorders in children.

B

TI Hearing loss in the elderly.

C

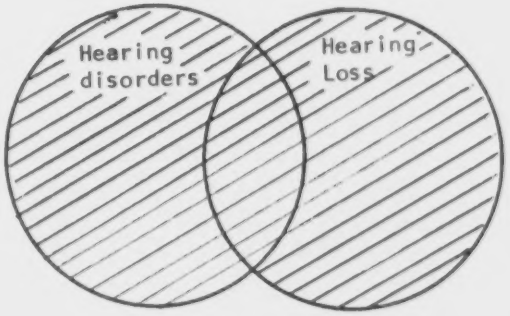
TI Positive effects of hearing aids in the hearing disordered.

D

TI Severe hearing problems and loss of social confidence.

E

TI Mental disorders: Speeches given at a Congressional Hearing, Washington, June 1985.



(The AND Operator)

F SU MENTALLY HANDICAPPED CHILDREN REHABILITATION
AND XS SPEECH DISORDERS

A

TI The mentally handicapped: Their rehabilitation.

SU 1. Speech disorders -- Rehabilitation
2. Mentally handicapped children

B

TI Hearing loss in the speech-disordered.

SU 1. Speech disorders
2. Hearing loss
3. Rehabilitation

C

TI Therapy for the speech-disordered.

SU 1. Mentally handicapped children -- Rehabilitation
2. Speech disorders -- Rehabilitation

D

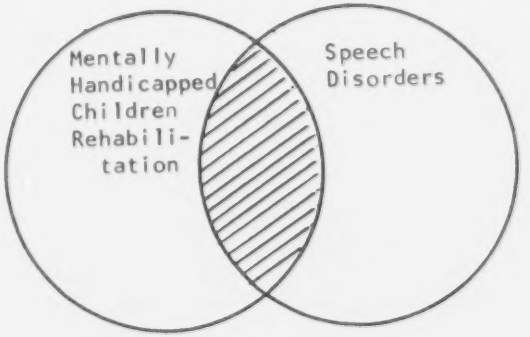
TI Rehabilitation of mentally handicapped children.

SU 1. Speech disorders
2. Mentally Handicapped

E

TI Neurological disorders in children.

SU 1. Mentally handicapped children
2. Disorders of speech



(AND & OR in the Same Search Statement)

F TW EAR DISORDERS OR TW HEARING LOSS AND XS REHABILITATION

A

TI The mentally disordered and their hearing losses.

SU 1. Mentally handicapped
2. Rehabilitation
3. Hearing loss

B

TI Therapy for children with hearing disorders.

SU 1. Hearing disorders
2. Rehabilitation
3. Children

C

TI Disorders of hearing and other middle ear problems.

SU 1. Middle ear
2. Rehabilitation
3. Hearing disorders

D

TI Hearing loss in the elderly.

SU 1. Hearing loss -- Rehabilitation
2. Aged

E

TI Loss of personal freedom while in prison. A hearing before Congress, 5-7 June 1989.

SU 1. Individual freedom
2. Crime and criminals
3. Rehabilitation

MELVYL

The MELVYL Database

Using the University of California's MELVYL online catalog, you can search for books and periodicals held by libraries on all 9 UC campuses and several other libraries including the California State Library.

Searching for Serial Records

It is possible to retrieve call number and other information for serial publications (but not the articles within these publications) held by the 9 University of California campuses, the 19 California State University campuses, Stanford University, the University of Southern California, the Center for Research Libraries, and the J. Paul Getty Center for the History of Art and the Humanities. The serials database, contains information for approximately 641,000 serials titles.

Two MELVYL Records

(A Book Record and a Periodical Record)

4. Gerber, Sanford E.
Introductory hearing science; physical and psychological concepts [by] Sanford E. Gerber. Philadelphia, Saunders, 1974.

UCD	HealthSci	WV270 G25
UCLA	Biomed	WV 270 G313i 1974
UCR	Rivera	RF294 .G25
UCSB	Library	RF294 .G25 Sci-Engrg
UCSD	Biomed	WV 270 G362i 1974
UCSF	General	RF294 .G25 1974

->

1. Journal of speech and hearing disorders.
Danville, Ill., American Speech and Hearing Association.
RELATED TITLES:
Title varies: Journal of speech disorders 1936-1947.

UCSB CU-SB	R 1. J68	v.13+, 1948+; (v.13-31, 1948-66 annex); limited loan

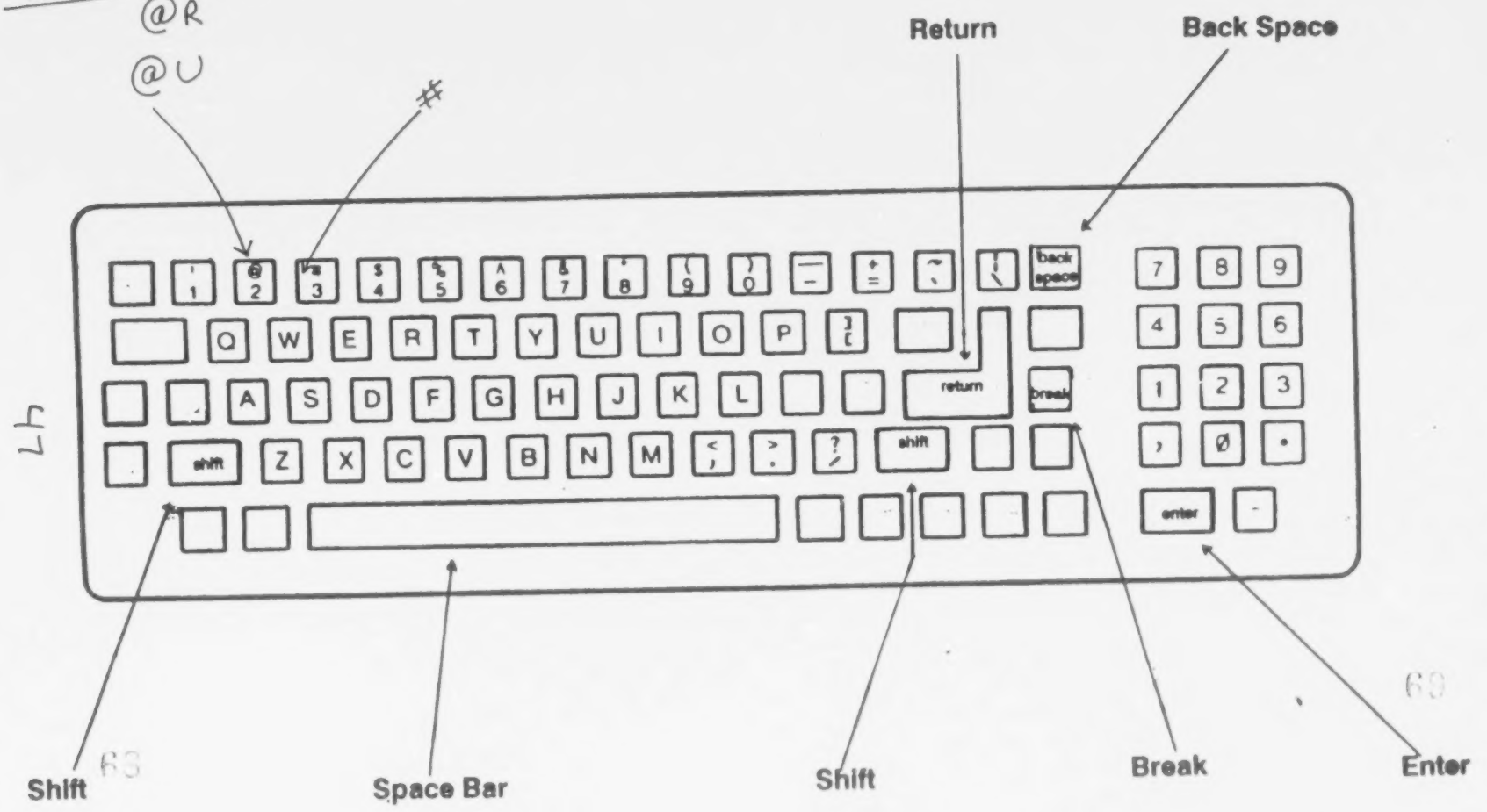
->

MELVYL Keyboard Layout

If screen messages indicate MELVYL is having a problem

@R

@U



Getting From One Database to Another

(1) -> STA MED

Welcome to the MELVYL MEDLINE Database

(2) MED-> STA CC

Welcome to the MELVYL CURRENT CONTENTS Database

(3) CC-> STA CAT

Welcome to the MELVYL CATALOG Database

- OR -

(4) -> BYE

The general structure of the FIND command is:

-> FIND [index] [search terms] <RETURN>

For example:

-> F TW STUTTERING CHILDREN

Retrieving Records Using the Title Word (TW) and Exact Title (XT) Indexes

(1) -> **F TW COMMUNICATION DISORDERS**
The MELVYL catalog is working on your request...

Search request: F TW COMMUNICATION DISORDERS
(2) Search result: 77 records at all libraries

(3) -> **D TI 4,8,10,17,25**
Search request: F TW COMMUNICATION DISORDERS
Search result: 77 records at all libraries

(4)

4.
Title: Language and communication disorders in children / Deena K. Bernstein and Ellenmorris Tiegerman.

8.
Title: Communication disorders in limited- and non-English proficient children / Linda Carpenter.

10.
Title: Communication disorders / edited by R. W. Rieber.

17.
Title: Disorders of fluency and their effects on communication / Peggy Dalton, W. J. Hardcastle.

25.
Title: Human communication: the public health aspects of hearing, language, and speech disorders. Prepared for the National Institute of Neurological Diseases and Blindness by Eldon L. Eagles, William G. Hardy, and Francis I. Catlin.

49

SEARCHING BY TITLE (continued)

① -> **F XT COMMUNICATION DISORDERS**
Search request: F XT COMMUNICATION DISORDERS #
② Search result: 9 records at all libraries

③ -> D TI

1.
Title: Communication disorders in limited- and non-English proficient children / Linda Carpenter.

2.
Title: Communication disorders / edited by R. W. Rieber.

3.
Title: Communication disorders in aging / [edited by] Raymond H. Hull and Kathleen M. Griffin.

4.
Title: Communication disorders in aging : assessment and management / H. Gustav Mueller, Virginia C. Geoffrey, editors ; with a foreword by Claude Pepper.

5.
Title: Communication disorders of the aged : a guide for health professionals / by Ronald L. Schow ... [et al.].

6.
Title: Communication disorders : remedial principles and practices / Stanley Dickson, general editor.

7.
Title: Communication disorders; remedial principles and practices. Stanley Dickson, general editor.

8.
Title: Communication disorders : a handbook for educators / by Maynard D. Filter.

9.
Title: Communication disorders in adolescence : program planning, diagnostics, and practical remediation techniques / by Lisa Cabiale O'Connor and Patricia Devers Eldredge.

50

④

SEARCHING BY TITLE (continued)

A free-text problem

(1) -> **F TW LANGUAGE DISORDERS**
The MELVYL catalog is working on your request...

Search request: F TW LANGUAGE DISORDERS
Search result: 90 records at all libraries

-> **D 1,21,48 TI**
Search request: F TW LANGUAGE DISORDERS
Search result: 90 records at all libraries

(2) 1.
Title: Child language disorders / Dorothy M. Aram, James E. Nation.

(3) 21.
Title: Encyclopedia of diet; a treatise on the food question .. explaining, in plain language, the chemistry of food and the chemistry of the human body, together with the art of uniting these two branches of science in the process of eating, so as to establish normal digestion and assimilation of food and normal elimination of waste, thereby removing the causes of stomach, intestinal, and all other digestive disorders.

(4) 48.
Title: Development and disorders of written language [by] Helmer R. Myklebust.

Retrieving Records Using the Subject (SU) and Exact Subject (XS) Indexes

(1) -> **F XS HEARING DISORDERS**

(5)

Search request: F XS HEARING DISORDERS #

(2) Search result: 361 records at all libraries

-> **D TI,SU 2**
Search request: F XS HEARING DISORDERS # AND LAN ENG
Search result: 361 records at all libraries

2.
Title: Adjustment to adult hearing loss / edited by Harold Orlans.
Subjects: Aged, Deaf -- Psychology.
Deafness -- Psychological aspects.
Adjustment (Psychology) in old age.
Aging.
Hearing aids.
→ Hearing disorders -- In old age.
Aged, Deaf -- Psychology -- Addresses, essays, lectures.
Deafness -- Psychological aspects -- Addresses, essays, lectures.
Adjustment (Psychology) -- Addresses, essays, lectures.
Aging -- Addresses, essays, lectures.
Hearing aids -- Addresses, essays, lectures.
Adjustment (Psychology)

25

(3)

(4) -> **AND XS AUDIOMETRY**

Search request: F XS HEARING DISORDERS # AND LAN ENG AND XS AUDIOMETRY #
Search result: 42 records at all libraries

-> **D TI,SU 1**
Search request: F XS HEARING DISORDERS # AND LAN ENG AND XS AUDIOMETRY #
Search result: 42 records at all libraries

SUBJECT SEARCHING (continued)

1.
Title: Acoustic impedance and admittance : the measurement of middle ear function / edited by Alan S. Feldman and Laura Ann Wilber.

Subjects:
Audiometry, Impedance.
Middle ear.
Ear, Middle -- Physiology.
Hearing tests.
(1) → Audiometry.
Acoustic Impedance Tests.
Ear, Middle.
→ Hearing disorders -- Diagnosis.
Hearing tests.

(2) -> **F XS HEARING DISORDERS AND XS AUDIOMETRY**

Search request: F XS HEARING DISORDERS # AND XS AUDIOMETRY # AND LAN ENG
Search result: 42 records at all libraries

524

(1) -> **F SU HEARING DISORDERS AUDIOMETRY**

Another problem

Search request: F SU HEARING DISORDERS AUDIOMETRY
(2) Search result: 0 records at all libraries

You may get results by redoing your search in the Title Word index, i.e., F TW <search words>. Type HELP for more information.

(3) -> **F SU HEARING DISORDERS AND AUDIOMETRY**

Search request: F SU HEARING DISORDERS AND AUDIOMETRY
(4) Search result: 0 records at all libraries

528

SEARCHING BY SUBJECT (continued)

(1) -> **F SU HEARING DISORDERS AND SU AUDIOMETRY**

Search request: F SU HEARING DISORDERS AND SU AUDIOMETRY
(2) Search result: 42 records at all libraries

-> **D 1,2,12 SU**
Search request: F SU HEARING DISORDERS AND SU AUDIOMETRY
Search result: 42 records at all libraries

1.
Subjects:
Audiometry, Impedance.
Middle ear.
Ear, Middle -- Physiology.
Audiometry.
Acoustic Impedance Tests.
(3) Ear, Middle.
Hearing disorders -- Diagnosis.
Hearing tests.

53

2.
Subjects:
Speech therapy.
Audiometry.
Speech Disorders -- in infancy & childhood.
Hearing Disorders -- in infancy & childhood.
School health services.

12.
Subjects:
Ear diseases -- Diagnosis.
Hearing disorders.
Audiometry.
Children -- Diseases.
Ear Disease -- in infancy & childhood.
Ear diseases.
Hearing tests.

73

SEARCHING BY SUBJECT (continued)

Use of Boolean Operators

(1) -> **F XS EAR DISEASE# AND XS HEARING DISORDERS AND XS AUDIOMETRY**

Search request: F XS EAR DISEASE# AND XS HEARING DISORDERS # AND XS AUDIOMETRY #

(2) Search result: 4 records at all libraries

-> **D TI,SU 1**
Search request: F XS EAR DISEASE# AND XS HEARING DISORDERS # AND XS AUDIOMETRY #
Search result: 4 records at all libraries

Type HELP for other display options.

1.
Title: Hearing sensitivity and ear disease in children; a prospective study, [by] Eldon L. Eagles, Samuel M. Wishik, and Leo G. Doerfler.

(3) Subjects: Ear diseases -- Diagnosis.
Hearing disorders.
Audiometry.
Children -- Diseases.
Auditory Perception -- in infancy & childhood.
Ear Disease -- in infancy & childhood.
Ear diseases.
Hearing tests.
Auditory perception.

54

SEARCHING BY SUBJECT (continued)

Use of Boolean Operators

(1) -> **F XS EAR DISEASE# OR XS HEARING DISORDERS AND XS AUDIOMETRY**

(2) Search request: F XS EAR DISEASE# OR XS HEARING DISORDERS # AND XS AUDIOMETRY #
Search result: 44 records at all libraries

-> **D 1,7,13 SU**
Search request: F XS EAR DISEASE# OR XS HEARING DISORDERS # AND XS AUDIOMETRY # Search result: 44

1.
(3) Subjects: Audiometry, Impedance.
Middle ear.
Ear, Middle -- Physiology.
Hearing tests.
Audiometry.
Ear, Middle.
Hearing disorders -- Diagnosis.

55

7.
Subjects: Ear diseases -- Diagnosis.
Audiometry.
(4) Vestibular function tests.
Vestibular function tests.
Ear diseases -- Diagnosis.
Audiometry.
Vestibular function tests.
Vestibular function tests.

13.
Subjects: Ear diseases -- Diagnosis.
Hearing disorders.
Audiometry.
(5) Children -- Diseases.
Auditory Perception -- in infancy & childhood.
Ear Disease -- in infancy & childhood.
Ear diseases.

82

81

SEARCHING BY SUBJECT (continued)

The "dangling" OR

(1) -> **F XS EAR DISEASE# AND XS AUDIOMETRY OR XS HEARING DISORDERS**

Search request: F XS EAR DISEASE# AND XS AUDIOMETRY # OR XS HEARING DISORDERS #

(2) Search result: 371 records at all libraries

-> **D 2 TI,SU**
Search request: F XS EAR DISEASE# AND XS AUDIOMETRY # OR XS HEARING DISORDERS #
Search result: 371 records at all libraries

2.
Title: Adjustment to adult hearing loss / edited by Harold Orlans.
Subjects: Aged, Deaf -- Psychology.
Deafness -- Psychological aspects.
Adjustment (Psychology) in old age.
Aging.
Hearing aids.
Hearing disorders -- In old age.
Aged, Deaf -- Psychology -- Addresses, essays, lectures.
Deafness -- Psychological aspects -- Addresses, essays, lectures.
Adjustment (Psychology) -- Addresses, essays, lectures.
Aging -- Addresses, essays, lectures.
Hearing aids -- Addresses, essays, lectures.
Adjustment (Psychology)

95 (3)

Another problem

(4) -> **F XS EAR DISEASE# OR HEARING DISORDERS AND AUDIOMETRY**

You can only truncate an exact search at the end.

(5) -> **F XS EAR DISEASES OR HEARING DISORDERS AND AUDIOMETRY**

Search request: F XS EAR DISEASES OR HEARING DISORDERS AND AUDIOMETRY #
Search result: 0 records at all libraries

Retrieving Records Using the Personal Author (PA) Index

(1) -> **F PA GERBER, SANFORD E**

```
   Search request: F PA GERBER, SANFORD E
   Search result:  10 records at all libraries

-> D 1
Search request: F PA GERBER, SANFORD E
Search result:  10 records at all libraries
```

(2) 1. The Development of auditory behavior / edited by Sanford E. Gerber, George T. Mencher. New York : Grune & Stratton, c1983.

UCD	HealthSci	WV272 D49 1983
UCD	Main Lib	RF291.5.C45 D48 1983
UCI	Biomed	WV 272 D489-2 1983 MCL
UCI	MedCtr	WV 272 D489-2 1983 BML
UCLA	Biomed	WV 272 D4892 1983
UCR	Rivera	RF291 .D48
UCSB	Library	RF291.5.C45 D48 1983 Sci-Engrg
UCSD	Central	RF291.5.C45 D48 1983
UCSF	General	QP461 .D48 1983

LS

(3) -> **F PA GERBER S E**

```
   Search request: F PA GERBER S E
   Search result:  10 records at all libraries
```

(4) -> **F PA GERBER S**

```
   Search request: F PA GERBER S
   Search result:  66 records at all libraries

->
```

SEARCHING BY AUTHOR (continued)

(1) -> **F PA SANFORD E GERBER**

Search request: F PA SANFORD E GERBER
Search result: 10 records at all libraries

->

(2) -> **F PA MENCHER, GEORGE T**

85

(3) Search request: F PA MENCHER, GEORGE T
Search result: 7 records at all libraries

-> **D 1**
Search request: F PA MENCHER, GEORGE T
Search result: 7 records at all libraries

(4) 1. The Development of auditory behavior / edited by Sanford E. Gerber, George T. Mencher. New York : Grune & Stratton, c1983.

UCD	HealthSci	WV272 D49 1983	
UCD	Main Lib	RF291.5.C45 D48 1983	
UCI	Biomed	WV 272 D489-2 1983	MCL
UCI	MedCtr	WV 272 D489-2 1983	BML
UCLA	Biomed	WV 272 D4892 1983	
UCR	Rivera	RF291 .D48	
UCSB	Library	RF291.5.C45 D48 1983	Sci-Engrg
UCSD	Central	RF291.5.C45 D48 1983	
UCSF	General	QP461 .D48 1983	

SEARCHING BY AUTHOR (continued)

(1) -> **F PA GERBER, SANFORD E OR MENCHER, GEORGE T**

Search request: F PA GERBER, SANFORD E OR MENCHER, GEORGE T
(2) Search result: 11 records at all libraries

-> **D 1,2,8**
Search request: F PA GERBER, SANFORD E OR MENCHER, GEORGE T
Search result: 11 records at all libraries

(3) 1. The Development of auditory behavior / edited by Sanford E. Gerber, George T. Mencher. New York : Grune & Stratton, c1983.

(4) 2. Gerber, Sanford E.
Audiometry in infancy / Sanford E. Gerber and the staff of the UCSB Speech and Hearing Center. New York : Grune and Stratton, c1977.

(5) 8. Nova Scotia Conference on Early Identification of Hearing Loss (1974 : Halifax, N.S.)
Early identification of hearing loss : proceedings of the Nova Scotia Conference on Early Identification of Hearing Loss, Halifax, Nova Scotia, September 8-11, 1974 / editor, George T. Mencher. Basel ; New York : S. Karger, c1976.

5

SEARCHING BY AUTHOR (continued)

(1) -> **F PA GERBER, SANFORD E AND MENCHER, GEORGE T**

Search request: F PA GERBER, SANFORD E AND MENCHER, GEORGE T
(2) Search result: 6 records at all libraries

-> **D 1**
Search request: F PA GERBER, SANFORD E AND MENCHER, GEORGE T
Search result: 6 records at all libraries

(3) 1. The Development of auditory behavior / edited by Sanford E. Gerber, George T. Mencher. New York : Grune & Stratton, c1983.

UCD	HealthSci	WV272 D49 1983
UCD	Main Lib	RF291.5.C45 D48 1983
UCI	Biomed	WV 272 D489-2 1983 MCL
UCI	MedCtr	WV 272 D489-2 1983 BML
UCLA	Biomed	WV 272 D4892 1983
UCR	Rivera	RF291 .D48
UCSB	Library	RF291.5.C45 D48 1983 Sci-Engrg
UCSD	Central	RF291.5.C45 D48 1983
UCSF	General	QP461 .D48 1983

60

SEARCHING BY AUTHOR (continued)

Problem

(1) -> **F PA JOHNSON**

(2) PEAK LOAD RESTRICTION: Your search consists of a common word which would retrieve over 10,000 records and would slow down the system. During peak load periods, your search cannot be completed. You may reissue your search to make it more specific, or try again during the evening or early morning.

OPTIONS: -Reissue your search using the format: LAST NAME, FIRST NAME (or initials), e.g., F PA WILSON, EDMUND or F PA WILSON, E B.
-Type HELP or ask a reference librarian for other suggestions.
-Type any other command.

(3) -> **F PA JOHNSON AND TW STUTTERING**

19

PEAK LOAD RESTRICTION: The following part of your search consists of common words (listed in order by frequency of occurrence) that would take a long time to search and would slow down the system:

(4) PA JOHNSON

During peak load periods, your search cannot be completed. Please choose an option below, or try again during the evening or early morning.

OPTIONS: -Reissue your search and omit the part above. The result might be specific enough and not require more refinement.
-Reformulate your search by making the above part more specific.
-Type HELP or ask a reference librarian for other suggestions.
-Type any other command.

(5) -> **F TW STUTTERING AND PA JOHNSON**

Search request: F TW STUTTERING AND PA JOHNSON

(6) Search result: 13 records at all libraries

Retrieving Records Using the Corporate Author (CA) Index

(1) **-> F CA SPEECH HEARING AMERICAN LANGUAGE ASSOCIATION**

Search request: F CA SPEECH HEARING AMERICAN LANGUAGE ASSOCIATION
Search result: 16 records at all libraries

-> D
Search request: F CA AMERICAN SPEECH LANGUAGE HEARING
Search result: 16 records at all libraries

(2) 1. Phonological theory and the misarticulating child / edited by Mary Elbert, Daniel A. Dinnsen, Gary Weismer. Rockville, Md. : American Speech-Language-Hearing Association, c1984.
Series title: ASHA monographs no. 22.

UCD	HealthSci	W1 JO919 suppl. no.22
UCLA	Ed/Psych	RC 423 A1J8m no.22
UCSB	Library	R1 .J681 no.22 Sci-Engrg
UCSD	Central	RJ496.S7 P52 1984
UCSF	General	RJ496.S7 P52 1984

Retrieving Records Using the Series (SE) Index

(1)
```
-> F SE ASHA MONOGRAPHS 26
Search request: F SE ASHA MONOGRAPHS 26
Search result:  1 record at Santa Barbara
                1 record at all libraries
```

(2)
```
1. Development of language and communication skills in hearing-impaired children
   / edited by Harry Levitt, Nancy S. McGarr, Donna Geffner.  Rockville, Md. :
   American Speech-Language-Hearing Association, c1987.
     Series title:  ASHA monographs no. 26.
       UCSB  Library    R1 .J681 no.26 Sci-Engrg
```

Displaying Retrieved Records -- Options

(1) -> **F XS HEARING DISORDERS**
The MELVYL catalog is working on your request...

Search request: F XS HEARING DISORDERS #
Search result: 369 records at all libraries

(2) -> **D**
Search request: F XS HEARING DISORDERS #
Search result: 369 records at all libraries

1. Acoustic impedance and admittance : the measurement of middle ear function / edited by Alan S. Feldman and Laura Ann Wilber. Baltimore : Williams & Wilkins, c1976.

UCD	HealthSci	WV230 A25
UCD	HealthSci	WV230.A25
UCD	UCDMedCtr	WV230.A25
UCLA	Biomed	WV 272 A185 1976
UCSB	Library	RF294 .A25 Sci-Engrg
UCSD	Biomed	WV 272 A185 1976
UCSD	MCL	WV 272 A185 1976
UCSF	General	RF294 .A25 1976

(3) Press RETURN to see the next screen.
->

DISPLAYING RETRIEVED RECORDS (continued)

(1) -> **D REV**
Search request: F XS HEARING DISORDERS #
Search result: 369 records at all libraries

1. Acoustic impedance and admittance : the measurement of middle ear... 1976
2. Adjustment to adult hearing loss. 1985
3. Administration of programs in speech-language pathology and audiology. 1987
4. Adult aural rehabilitation. 1989
5. Aging and communication : problems in management. 1984
6. Aging and sensory loss : functional impact : lecture series, Fall 1987. 1987
7. Aging, communication processes and disorders. 1981
8. AHUMADA, Al. Hearing thresholds in a quiet... 1974
9. AMERICAN ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY. Committee on... Guide for conservation of hearing in noise. 1969
10. AMERICAN ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY. Committee on... A guide to the care of adults with hearing loss; a manual prepared... 1960
11. AMERICAN ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY. Committee on... 1970 reviews of scientific literature : a manual prepared for the... 1971
12. AMERICAN PUBLIC HEALTH ASSOCIATION. Program Area Committee on Child Health. Services for children with communicative disorders; a guide for... 1967

65

(2) Press RETURN to see the next screen.
->

DISPLAYING RETRIEVED RECORDS (continued)

(1)
```
-> D LON
Search request: F XS HEARING DISORDERS #
Search result:  369 records at all libraries

1.
Title:          Acoustic impedance and admittance : the measurement of middle ear
                  function / edited by Alan S. Feldman and Laura Ann Wilber.
                  Baltimore : Williams & Wilkins, c1976.
Description:    viii, 383 p. : ill. ; 24 cm.

Notes:          Includes bibliographical references and index.

Subjects:       Audiometry, Impedance.
                Middle ear.

Other entries:  Feldman, Alan Sidney, 1927-
                Wilber, Laura Ann.

Call numbers:   UCD   HealthSci WV230 A25
                                          (Record 1 continues on the next screen.)
```

(2)
```
Press RETURN to see the next screen.
->
```

DISPLAYING RETRIEVED RECORDS (continued)

(1) -> **F TW HEARING DISORDERS**
The MELVYL catalog is working on your request...

Search request: F TW HEARING DISORDERS
Search result: 38 records at all libraries

(2) -> **D TI**
Search request: F TW HEARING DISORDERS
Search result: 38 records at all libraries

1.
Title: Speech and hearing disorders in children [by] Jerome G. Alpiner.

2.
Title: Rehabilitation of hearing; a guide to the modern differential diagnosis and treatment of hearing disorders.

3.
Title: Police/public contacs involving hearing, speech and language disorders / Commission on Peace Officer Standards and Training.

4.
Title: Police/public contacts involving hearing, speech and language disorders.

Press RETURN to see the next screen.
->

L9

95

96

Displayable Fields in MELVYL

TI or TW -- Title
PA or AU -- Author
SE -- Series
SU -- Subject headings
CA -- Corporate author
DATE -- City, Publisher, Date
NOTES -- Pages, bibliography...

DISPLAYING RETRIEVED RECORDS (continued)

(1)
```
-> D TI,8U
Search request: F TW HEARING DISORDERS
Search result:  38 records at all libraries

1.
Title:          Speech and hearing disorders in children [by] Jerome G.
                  Alpiner.
(2)
Subjects:       Speech disorders.
                Communicative disorders in children.
                Speech, Disorders of.

2.
Title:          Rehabilitation of hearing; a guide to the modern differential
                  diagnosis and treatment of hearing disorders.
Subjects:       Hearing.
                Hearing disorders.
                Ear diseases.
                Hearing.
```

86

DISPLAYING RETRIEVED RECORDS (continued)

(1) -> D 3
Search request: F TW HEARING DISORDERS
Search result: 38 records at all libraries

3. California. Commission on Peace Officer Standards and Training.
Police/public contacs involving hearing, speech and language disorders / Commission on Peace Officer Standards and Training. California : The Commission, 1975.
HAST Library HV7921 .C36

(2) -> D 1-3
Search request: F TW HEARING DISORDERS
Search result: 38 records at all libraries

1. Alpiner, Jerome G., 1932-
Speech and hearing disorders in children [by] Jerome G. Alpiner. New York, Houghton Mifflin [1970].
Series title: Guidance monograph series. Series 5: Guidance and the exceptional student.
UCB Ed/Psych RJ496.S7 A48
UCD Main Lib RJ496.S7 A48

69

2. Browd, Victor Lincoln, 1898-
Rehabilitation of hearing; a guide to the modern differential diagnosis and treatment of hearing disorders. New York, Auralgan Research Division, Doho Chemical Corp. [1950].
UCI Biomed WV 270 B877r 1950
UCSF General RF290 .B87r 1950
SRLF A 0003876273 Type EXP SRLF for loan details.

3. California. Commission on Peace Officer Standards and Training.
Police/public contacs involving hearing, speech and language disorders / Commission on Peace Officer Standards and Training. California : The Commission, 1975.
HAST Library HV7921 .C36

DISPLAYING RETRIEVED RECORDS (continued)

(1) -> D 3,9
Search request: F TW HEARING DISORDERS
Search result: 38 records at all libraries

3. California. Commission on Peace Officer Standards and Training.
Police/public contacs involving hearing, speech and language disorders / Commission on Peace Officer Standards and Training. California : The Commission, 1975.
HAST Library HV7921 .C36

9. Hearing disorders / edited by Jerry L. Northern. Boston : Little, Brown, c1976.
Series title: A Little Brown book on the communicative disorders.

UCD	HealthSci	WV270 H42
UCI	Biomed	WV 270 H435-9 1976
UCLA	Biomed	WV 270 H351 1976
UCSB	Library	RF290 .H4 Sci-Engrg
UCSD	Biomed	WV 270 H435 1976
UCSF	General	RF290 .H4 1976

70

(2) -> D TI 3
Search request: F TW HEARING DISORDERS
Search result: 38 records at all libraries

3.
Title: Police/public contacs involving hearing, speech and language disorders / Commission on Peace Officer Standards and Training.

DISPLAYING RETRIEVED RECORDS (continued)

(1) -> **D TI,AU 3-6**
Search request: F TW HEARING DISORDERS
Search result: 38 records at all libraries

3.
Title: Police/public contacs involving hearing, speech and language disorders / Commission on Peace Officer Standards and Training.
Author: California. Commission on Peace Officer Standards and Training.

4.
Title: Police/public contacts involving hearing, speech and language disorders.
Author: California. Commission on Peace Officer Standards and Training.

5.
Title: Police/public contacts involving hearing, speech and language disorders / [prepared... by Donald L. Meyers].
Author: California. Commission on Peace Officer Standards and Training.

6.
Title: Disorders with defective hearing / volume editors, V. Colletti, S.D.G. Stephens.
Author: Colletti, V.
Stephens, S. D. G.

(2) -> **D 1 LON,TI**

Please include only one display option in your DISPLAY command.
Type HELP for more information.

Problem

Limiting Search Results by Date, Language, and Campus

Limiting by Date

(1) -> **F TW HEARING DISORDERS**
The MELVYL catalog is working on your request...

Search request: F TW HEARING DISORDERS
Search result: 38 records at all libraries

(2) -> **AND DATE CURRENT**

Search request: F TW HEARING DISORDERS AND DATE CURRENT
Search result: 4 records at all libraries

(3) -> **F TW HEARING DISORDERS AND DATE CURRENT**
The MELVYL catalog is working on your request...

Search request: F TW HEARING DISORDERS AND DATE CURRENT
Search result: 4 records at all libraries

72

(4) -> **F TW HEARING DISORDERS AND DATE RECENT**

Search request: F TW HEARING DISORDERS AND DATE RECENT
Search result: 17 records at all libraries

Limiting by Language

(1) -> **F XS HEARING DISORDERS AND LAN ENG**

Search request: F XS HEARING DISORDERS #
Search result: 358 records at all libraries

(2) -> **SET LAN ENG**

Your language setting is now ENGLISH.

(3) -> **F XS HEARING DISORDERS**

Search request: F XS HEARING DISORDERS # (AND SETTING: LANGUAGE ENGLISH)
Search result: 358 records at all libraries

(4) -> **SET LAN ALL**

Your language setting is now ALL LANGUAGES.

73

Limiting By Campus

(1) -> **F XS STUTTERING**

```
   Search request: F XS STUTTERING #
   Search result:  219 records at all libraries

-> D
Search request: F XS STUTTERING #
Search result:  219 records at all libraries
```

(2)

```
1. Adler, Sol, 1925-
     A clinician's guide to stuttering.  Springfield, Ill., C. C. Thomas
   [c1966].
       UCB    Ed/Psych   RC424 .A3
       UCLA   Biomed     WM 475 A237c 1966
       UCLA   Ed/Psych   RC 424 A237c
       UCSB   Library    RC424 .A3 Sci-Engrg
       UCSD   Central    RC424 .A237
       UCSF   General    RC424 .A23c 1966
       CSL    Main Lib   RC 424 A3 General Coll

Press RETURN to see the next screen.
```

(3) -> **AT UCSB**

```
   Search request: F XS STUTTERING #
   Search result:  105 records at Santa Barbara
                   219 records at all libraries
```

LIMITING SEARCH RESULTS BY CAMPUS (continued)

(1)
```
-> D
Search request: F XS STUTTERING #
Search result:  105 records at Santa Barbara
                219 records at all libraries
```

(2)
```
1. Adler, Sol, 1925-
     A clinician's guide to stuttering.  Springfield, Ill., C. C. Thomas
[c1966].
        UCSB  Library   RC424 .A3 Sci-Engrg
```

(3) SL
```
-> SET LIB UCSB

   Your library setting is now at SANTA BARBARA.

-> SET LAN ENG

   Your language setting is now ENGLISH.

-> SET DATE RECENT

   Your date setting is now RECENT.
```

(4)
```
-> F XS STUTTERING
   The MELVYL catalog is working on your request...

   Search request: F XS STUTTERING # (AND SETTINGS: DATES RECENT, LANGUAGE
                   ENGLISH)
   Search result:  42 records at Santa Barbara
                   51 records at all libraries
```

Truncation

(1) -> **F TW AUDIOLOGY**
The MELVYL catalog is working on your request...

Search request: F TW AUDIOLOGY (AND SETTINGS: DATES RECENT, LANGUAGE ENGLISH)
(2) Search result: 42 records at Santa Barbara
55 records at all libraries

-> **D TI**
Search request: F TW AUDIOLOGY (AND SETTINGS: DATES RECENT, LANGUAGE ENGLISH)
Search result: 42 records at Santa Barbara
55 records at all libraries

92

1.
Title: Administration of programs in speech-language pathology and audiology / Herbert J. Oyer, editor.

(3) 2.
Title: The supervisory process in speech-language pathology and audiology / Jean L. Anderson.

3.
Title: Audiology and audiological medicine / edited by H.A. Beagley.

4.
Title: Audiology for the physician / edited by Robert W. Keith.

Press RETURN to see the next screen.
->

TRUNCATION (continued)

(1) -> **F TW AUDIOLOG#**
The MELVYL catalog is working on your request...

Search request: F TW AUDIOLOG# (AND SETTINGS: DATES RECENT, LANGUAGE ENGLISH)
(2) Search result: 50 records at Santa Barbara
67 records at all libraries

-> **D 1,7 TI**
Search request: F TW AUDIOLOG# (AND SETTINGS: DATES RECENT, LANGUAGE ENGLISH)
Search result: 50 records at Santa Barbara
67 records at all libraries

(3)
1.
Title: Administration of programs in speech-language pathology and audiology / Herbert J. Oyer, editor.

7.
Title: Handbook of audiological rehabilitation / by Gail D. Chermak.

LL

TRUNCATION (continued)

Problem

(1) -> **F TW AUDIO#**

LONG SEARCH: Your search consists of one or more very common words, which will retrieve over 1,000 records and take a long time to complete. Long searches slow the system down for everyone on the catalog and often do not produce useful results. Please type HELP or see a reference librarian for suggestions.

You can also: Type P to get a PARTIAL result of 200 records;
type YES to continue this long search;
type NO to cancel search;
or type a new command.

(2) -> **F XT AUDIO#**

Search request: F XT AUDIO#
Search result: 314 records at all libraries

82

-> **D TI 2,54,57,59**
Search request: F XT AUDIO#
Search result: 314 records at all libraries

(3)

2.
Title: Audio-visual materials in the high school, with special applications to the social studies. By Frances Norene Ahl.

54.
Title: Audiological assessment. Edited by Darrell E. Rose.

57.
Title: Audiology for the physician / edited by Robert W. Keith.

59.
Title: Audiometry for the retarded, with implications for the difficult-to-test. Edited by Robert T. Fulton [and] Lyle L. Lloyd. Technical editor Robert Hoyt.

A MELVYL Search Using the FIND Command

MELVYL Sample Search
Topic: Preventing & Controlling Noise-Induced Hearing Disorders in Industrial Settings
(Using the FIND Command)

(1) **-> F TW PREVENTION NOISE**

Search request: F TW PREVENTION NOISE
Search result: 7 records at all libraries

Type D to display results, or type HELP.

(2) **-> D TI,SU 5,6**
Search request: F TW PREVENTION NOISE
Search result: 7 records at all libraries

5.
Title: Guidelines for the prevention of traffic noise problems / Fred F. Rudder, Jr., Simone L. Yaniv.
Subjects: Traffic noise.
(3) → Noise control.
Land use.

6.
Title: Industrial noise pollution and hearing impairment : problems of prevention, diagnosis and certification criteria / Wieslaw J. Sulkowski ; [edited by John J. Danek].
Subjects: Deafness, Noise induced.
Noise -- Physiological effect.
Hearing loss, Noise-induced.
Noise -- adverse effects.
→ Hearing Loss, Noise-Induced -- prevention & control.
Noise, Occupational.
(4) → Deafness, Noise induced -- Prevention.
Industrial noise
Noise.
Deafness, Noise induced.
Noise pollution.

The FIND Command (continued)

OR: F XS Noise control OR SU Deafness Prevention OR SU Hearing Loss Prevention

(1) -> **F XS NOISE CONTROL OR XS DEAFNESS NOISE INDUCED PREVENTION OR XS HEARING LOSS NOISE INDUCED PREVENTION**

Search request: F XS NOISE CONTROL # OR XS DEAFNESS NOISE INDUCED PREVENTION # OR XS HEARING LOSS NOISE INDUCED PREVENTION #

(2) Search result: 686 records at all libraries

(3) -> **AND XS INDUSTRIAL NOISE**

Search request: F XS NOISE CONTROL # OR XS DEAFNESS NOISE INDUCED PREVENTION # OR XS HEARING LOSS NOISE INDUCED PREVENTION # AND XS INDUSTRIAL NOISE #

Search result: 38 records at all libraries

08 (4) -> **AT UCSB**

Search request: F XS NOISE CONTROL # OR XS DEAFNESS NOISE INDUCED PREVENTION # OR XS HEARING LOSS NOISE INDUCED PREVENTION # AND XS INDUSTRIAL NOISE #

(5) Search result: 16 records at Santa Barbara
38 records at all libraries

(6) -> **AND LAN ENG**

Search request: F XS NOISE CONTROL # OR XS DEAFNESS NOISE INDUCED PREVENTION # OR XS HEARING LOSS NOISE INDUCED PREVENTION # AND XS INDUSTRIAL NOISE # AND LAN ENG

(7) Search result: 16 records at Santa Barbara
37 records at all libraries

112

The FIND Command (continued)

(1) -> D 1-5
Search request: F XS NOISE CONTROL # OR XS DEAFNESS NOISE INDUCED PREVENTION # OR XS HEARING LOSS NOISE INDUCED PREVENTION # AND XS INDUSTRIAL NOISE # AND LAN ENG
Search result: 16 records at Santa Barbara
37 records at all libraries

1. Barr, David F.
Basic industrial hearing conservation / David F. Barr and Richard K. Miller. Atlanta : Fairmont Press, c1979.
UCSB Library TD892 .B373 1979 Sci-Engrg

2. Bell, Lewis H., 1933-
Industrial noise control : fundamentals and applications / Lewis H. Bell and associates. New York : M. Dekker, c1982.
Series title: Mechanical engineering (Marcel Dekker, Inc.) ; 16.
UCSB Library TD892 .B39 1982 Sci-Engrg

3. Beranek, Leo Leroy, 1914-
Noise reduction. Prepared for a special summer program at the Massachusetts Institute of Technology. New York, McGraw-Hill, 1960.
UCSB Library TA365 .B4 Sci-Engrg

4. Cheremisinoff, Paul N.
Industrial noise control handbook / Paul N. Cheremisinoff and Peter P. Cheremisinoff ; contributors, Ernest E. Allen ... [et al.]. Ann Arbor : Ann Arbor Science Publishers, c1977.
UCSB Library TD892 .C44 Sci-Engrg

5. Guidelines on noise / prepared by Tracor, Inc. Washington, D.C. : American Petroleum Institute, Committee on Medicine and Environmental Health, c1973.
Series title: Medical research report ; EA7301.
UCSB Library TD892 .G85 Sci-Engrg

18

A MELVYL Search Using the BROWSE Command

MELVYL Sample Search

Topic: Preventing & Controlling Noise-Induced Hearing Disorders in Industrial Settings (Using the BROWSE Command)

---

(1) -> **BRO SU PREVENTION NOISE**

Browse request: BRO SU PREVENTION NOISE

(2) Browse result: 18 subject headings found

1. Deafness, Noise induced -- Prevention.
2. Deafness, Noise induced -- Prevention -- Congresses.
3. Deafness, Noise induced -- United States -- Prevention.
4. Hearing loss, Noise-induced -- Prevention and control.
5. Hearing Loss, Noise-Induced -- prevention & control.
6. Hearing Loss, Noise-Induced -- prevention & control -- United States.
7. Noise -- prevention & control.
8. Noise -- prevention & control -- congresses.
9. Noise -- Prevention & control -- Europe.
10. Noise -- prevention & control -- Great Britain -- legislation.
11. Noise -- prevention & control -- United States.
12. Noise -- prevention & control -- United States -- legislation.
13. Noise -- prevention & control -- U.S.
14. Noise, Occupational -- prevention & control.
15. Noise-prevention and control.

87

Press RETURN to see the next screen.

(3) -> SEL 1-8,11-15

Search request: SEL 1-8,11-15 (from BRO SU PREVENTION NOISE)

(4) Search result: 46 records at all libraries

Type D to display; SHOW SEARCH for other results available for DISPLAY.

(1) -> **D BRO 15-**
Browse request: BRO SU PREVENTION NOISE
Browse result: 18 subject headings found

15. Noise-prevention and control.
16. Traffic noise -- Prevention.
17. Deafness, Noise induced -- Prevention -- Standards -- United States.
18. Transportation noise -- Virginia -- Prevention.

(2) -> **OR SEL 17**

Search request: SEL 1-8,11-15 (from BRO SU PREVENTION NOISE) OR SEL 17
(3) Search result: 47 records at all libraries

(4) -> **BRO SU DEAFNESS PREVENTION**
Browse request: BRO SU DEAFNESS PREVENTION
Browse result: 8 subject headings found

43

1. Deafness -- Prevention.
2. Deafness -- Prevention -- Congresses.
3. Deafness -- Prevention -- Handbooks, manuals, etc.
4. Deafness -- prevention & control.
5. Deafness, Noise induced -- Prevention.
6. Deafness, Noise induced -- Prevention -- Congresses.
7. Deafness, Noise induced -- United States -- Prevention.
8. Deafness, Noise induced -- Prevention -- Standards -- United States.

The BROWSE Command (continued)

(1) -> **OR SEL ALL**

Search request: SEL 1-8,11-15 (from BRO SU PREVENTION NOISE) OR SEL 17 OR SEL ALL
Search result: 51 records at all libraries

(2) -> **BRO XS NOISE CONTROL**
The MELVYL catalog is working on your request...
Browse request: BRO XS NOISE CONTROL #
Browse result: 152 subject headings found

1. Noise control.
2. Noise control -- Abstracts.
3. Noise control -- Addresses, essays, lectures.
4. Noise control -- Arizona.
5. Noise control -- Australia.
6. Noise control -- Bibliography.
7. Noise control -- Bibliography -- Catalogs.
8. Noise control -- California.
9. Noise control -- California -- Alameda County.
10. Noise control -- California -- Arroyo Grande.
11. Noise control -- California -- Bakersfield.
12. Noise control -- California -- Calaveras County.
13. Noise control -- California -- Carson.
14. Noise control -- California -- Chula Vista.
15. Noise control -- California -- Contra Costa County.

h8

The BROWSE Command (continued)

Press RETURN to see the next screen.

(1) -> **D BRO 30-**

Browse request: BRO XS NOISE CONTROL #
Browse result: 152 subject headings found

30. Noise control -- California -- Mono County.
31. Noise control -- California -- Ontario.
32. Noise control -- California -- Oxnard.
33. Noise control -- California -- Paso Robles -- Planning.
34. Noise control -- California -- Placentia -- Planning.
35. Noise control -- California -- Placer County.
36. Noise control -- California -- Pleasant Hill.
37. Noise control -- California -- Point Arena.
38. Noise control -- California -- Redding.
39. Noise control -- California -- Richmond.
40. Noise control -- California -- Sacramento.
41. Noise control -- California -- Sacramento County.
42. Noise control -- California -- San Diego.
43. Noise control -- California -- San Diego Region.
44. Noise control -- California -- San Francisco Bay region.

58

Press RETURN to see the next screen.

(2) -> **OR SEL ALL**

The MELVYL catalog is working on your request...

Search request: SEL 1-8,11-15 (from BRO SU PREVENTION NOISE) OR SEL 17 OR SEL ALL OR SEL ALL

(3) Search result: 702 records at all libraries

Type D to display; SHOW SEARCH for other results available for DISPLAY.

The BROWSE Command (continued)

(1) -> **BRO SU INDUSTRIAL NOISE**
Browse request: BRO SU INDUSTRIAL NOISE
Browse result: 13 subject headings found

1. Industrial noise.
2. Industrial noise -- Addresses, essays, lectures.
3. Industrial noise -- Bibliography.
4. Industrial noise -- Congresses.
(2) 5. Industrial noise -- Great Britain.
6. Industrial noise -- Handbooks, manuals, etc.
7. Industrial noise -- Measurement.
8. Industrial noise -- Measurement -- Congresses.
9. Industrial noise -- Physiological effect.
10. Industrial noise -- Physiological effect -- Measurement -- Congresses.
11. Industrial noise -- United States.
12. Industrial noise -- United States -- Physiological effect.
13. Industrial noise -- United States -- Programmed instruction.

9B

(3) -> **AND SEL 1-2,4,6-13**

Search request: SEL 1-8,11-15 (from BRO SU PREVENTION NOISE) OR SEL 17 OR SEL ALL OR SEL ALL AND SEL 1-2,4,6-13
(4) Search result: 37 records at all libraries

(5) -> **AND LAN ENG AT UCSB**

Search request: SEL 1-8,11-15 (from BRO SU PREVENTION NOISE) OR SEL 17 OR SEL4
(6) Search result: 15 records at Santa Barbara
36 records at all libraries

The BROWSE Command (continued)

① -> D 1-5
Search request: SEL 1-8,11-15 (from BRO SU PREVENTION NOISE) OR SEL 17 OR SEL ALL OR SEL ALL AND SEL 1-2,4,6-13 AND LAN ENG
Search result: 15 records at Santa Barbara
36 records at all libraries

1. Barr, David F.
Basic industrial hearing conservation / David F. Barr and Richard K. Miller. Atlanta : Fairmont Press, c1979.
UCSB Library TD892 .B373 1979 Sci-Engrg

2. Bell, Lewis H., 1933-
Industrial noise control : fundamentals and applications / Lewis H. Bell and associates. New York : M. Dekker, c1982.
Series title: Mechanical engineering (Marcel Dekker, Inc.) ; 16.
UCSB Library TD892 .B39 1982 Sci-Engrg

3. Beranek, Leo Leroy, 1914-
Noise reduction. Prepared for a special summer program at the Massachusetts Institute of Technology. New York, McGraw-Hill, 1960.
UCSB Library TA365 .B4 Sci-Engrg

4. Cheremisinoff, Paul N.
Industrial noise control handbook / Paul N. Cheremisinoff and Peter P. Cheremisinoff ; contributors, Ernest E. Allen ... [et al.]. Ann Arbor : Ann Arbor Science Publishers, c1977.
UCSB Library TD892 .C44 Sci-Engrg

5. Guidelines on noise / prepared by Tracor, Inc. Washington, D.C. : American Petroleum Institute, Committee on Medicine and Environmental Health, c1973.
Series title: Medical research report ; EA7301.
UCSB Library TD892 .G85 Sci-Engrg

->

(Alternative Number One)

(1) -> **F PE JOURNAL SPEECH HEARING**

Search request: F PE JOURNAL SPEECH HEARING
Search result: 13 records found in the Periodicals file

Type D to display results, or type HELP.

-> D
Search request: F PE JOURNAL SPEECH HEARING
Search result: 13 records found in the Periodicals file

Type D SHORT followed by record number to display call number and holdings.

1. A.S.H.A. A Journal of the American Speech and Hearing Association. <CSU>
2. ASHA : Journal of the American Speech and Hearing Association. <UCI,USC>
3. Journal of language, speech and hearing services in the schools. <UCLA>
(4) Journal of speech and hearing disorders.
<UCB,UCD,UCI,UCLA,UCR,UCSB,UCSD,UCSF,CSU,SU,USC>
5. Journal of speech and hearing disorders. Monograph supplement.
<UCI,UCLA,UCSB,UCSC,CSU,SU>
6. Journal of Speech and Hearing Disorders.Monograph Supplements. <UCR,SU>
7. Journal of speech and hearing research.
<UCB,UCD,UCI,UCLA,UCR,UCSB,UCSC,UCSF,CSU,SU,USC>
8. Journal of speech and hearing research : a publication of the American... <UCSD>
9. Journal of the National Student Speech and Hearing Association. Vol....
<CSU>
10. Journal of the National Student Speech Language Hearing Association....
<CSU>
11. South African Speech and Hearing Association.
Journal of the South African Speech and Hearing Association. Tydskrif...
<CRL>
12. Speech and Hearing Association of Virginia. Journal. <CSU>
13. Voice; Journal of the California Speech and Hearing Association.
<UCSB,CSU,SU>

RETRIEVING INFORMATION FOR PERIODICALS (continued)

(1) -> **D 4 SHORT**
Search request: F PE JOURNAL SPEECH HEARING
Search result: 13 records found in the Periodicals file

(2) 4. Journal of speech and hearing disorders.
Danville, Ill., American Speech and Hearing Association.
RELATED TITLES:
Title varies: Journal of speech disorders 1936-1947.

UCB	ED-P	RC423.A1 J6	9(1944)-
UCD	HLTH SCI	W1 JO919	1,1936-
UCD	MAIN	RC423 J68	26,1961-
UCI	BML	W1 JO916	b15(1950).b17-21(1952-56).b24-53(1959-88)u54n1-2(1989)
UCI	MCL	W1 JO916	b33-52(1968-87)u53n1-4(1988)u54n1-2(1989)
UCI	SRLF	W1 JO916	b13-14(1948-49)
UCLA	CLU-BIO	W1 JO884	b15(1950).b17-18(1953).b22-25(1957-60).b27-46(1962-81)b47n1(1982).b48-52(1983-87)u53n1-4(1988)

(Record 4 continues on the next screen.)

68

RETRIEVING INFORMATION FOR PERIODICALS (continued)

Press RETURN to see the next screen.

(1) ->
Search request: F PE JOURNAL SPEECH HEARING
Search result: 13 records found in the Periodicals file

4. (continued)

		u54n1-2(1989)	
	UCLA CLU-E/P	RC 423 A1J8	b1-39(1936-74).b41-53(1976-88)u54n1-2; may.;(1989)
	UCLA CLU-URL	RC 423 A1J8	b1-43(1936-78)b44n1-2(1979).b45-50(1980-85)u51n1-4(1986)u52n1-4(1987)u53n1-4(1988)u54n1-2(1989)
	UCR RIVERA	RC423 J68	bnd.v.15-51(1950-86) unb.v.52(1987) bnd.v.53(1988) unb.v.54(1989)
(2) →	UCSB CU-SB	R 1. J68	v.13+, 1948+; (v.13-31, 1948-66 annex); limited loan
	UCSD BIOMED	W1 JO918 Stacks	21- (1956-)
	UCSF GENERAL	No call number	[13, 1948-]; Current Jnls, 1950+Stacks, Pre-1950:Page Clos St

For Non-UC holdings type D 4 ALL.

There are no more records to display. Type PS to see previous screen.

RETRIEVING INFORMATION FOR PERIODICALS (continued)

(Alternative Number Two)

(1) -> **F PE JOURNAL SPEECH HEARING**

Search request: F PE JOURNAL SPEECH HEARING
Search result: 13 records found in the Periodicals file

Type D to display results, or type HELP.

(2) -> **AT UCSB**

Search request: F PE JOURNAL SPEECH HEARING
Search result: 4 records at Santa Barbara
13 records found in the Periodicals file

(3) -> **D**
Search request: F PE JOURNAL SPEECH HEARING
Search result: 4 records at Santa Barbara
13 records found in the Periodicals file

16

Type D SHORT followed by record number to display call number and holdings.
Type HELP for other display options.

(4)
1. Journal of speech and hearing disorders.
<UCB,UCD,UCI,UCLA,UCR,UCSB,UCSD,UCSF,CSU,SU,USC>
2. Journal of speech and hearing disorders. Monograph supplement.
<UCI,UCLA,UCSB,UCSC,CSU,SU>
3. Journal of speech and hearing research.
<UCB,UCD,UCI,UCLA,UCR,UCSB,UCSC,UCSF,CSU,SU,USC>
4. Voice; Journal of the California Speech and Hearing Association.
<UCSB,CSU,SU>

RETRIEVING INFORMATION FOR PERIODICALS (continued)

(1) -> **D 1 SHORT**
Search request: F PE JOURNAL SPEECH HEARING
Search result: 4 records at Santa Barbara
13 records found in the Periodicals file

(2) 1. Journal of speech and hearing disorders.
Danville, Ill., American Speech and Hearing Association.
RELATED TITLES:
Title varies: Journal of speech disorders 1936-1947.
UCSB CU-SB R 1. J68 v.13+, 1948+; (v.13-31, 1948-66 annex); limited loan

(Alternative Number Three)

(3) -> **F XP JOURNAL OF SPEECH AND HEARING DISORDERS AT UCSB**

92 Search request: F XP JOURNAL OF SPEECH AND HEARING DISORDERS #
Search result: 2 records at Santa Barbara
3 records found in the Periodicals file

(4) -> **D SHORT ALL**
Search request: F XP JOURNAL OF SPEECH AND HEARING DISORDERS #
Search result: 2 records at Santa Barbara
3 records found in the Periodicals file

(5) 1. Journal of speech and hearing disorders.
Danville, Ill., American Speech and Hearing Association.
RELATED TITLES:
Title varies: Journal of speech disorders 1936-1947.

UCSB CU-SB R 1. J68 v.13+, 1948+; (v.13-31, 1948-66 annex); limited loan

2. Journal of speech and hearing disorders. Monograph supplement.
[Danville, Ill.]
RELATED TITLES:
Continued by: ASHA monographs.

UCSB CU-SB R 1. J681 no.1-11, 1950-63; (no.2-3, 1952-54; no.6-9, 1960-61; no.11, 1963 annex)

->

Working with Periodical Titles Containing Few Words

(1) -> **F PE NEUROLOGY**

Search request: F PE NEUROLOGY
Search result: 156 records found in the Periodicals file

Type D to display results, or type HELP.

(2) -> **D**
Search request: F PE NEUROLOGY
Search result: 156 records found in the Periodicals file

Type D SHORT followed by record number to display call number and holdings.

1. Advances in neurology. <UCB,UCD,UCI,UCLA,UCR,UCSB,UCSD,SU,USC>
2. Advances in neuropsychology and behavioral neurology. <UCD,UCLA>
3. Advances in perinatal neurology. <UCLA,USC>
4. Aktuelle Fragen der Psychiatrie und Neurologie. Topical Problems in... <UCB,UCSB>
5. Albany Journal of Neurology. <UCSF>
6. A.m.a. Archives of neurology. <UCLA,UCR,UCSB,SU,USC>
7. A.m.a. Archives of neurology and psychiatry. <UCB,UCLA,UCR,UCSB,UCSD,CSU,SU,USC>
8. American Academy of Neurology. American Academy of Neurology membership directory. <UCLA>
9. American Academy of Neurology. Membership directory. <UCI>
10. American Academy of Neurology. Membership directory. American Academy of Neurology. <UCSD>

93

RETRIEVING INFORMATION FOR PERIODICALS (continued)

Press RETURN to see the next screen.

(1) -> **AT UCSB**

Search request: F PE NEUROLOGY

(2) Search result: 32 records at Santa Barbara
156 records found in the Periodicals file

Type D to display results, or type HELP.

-> D
Search request: F PE NEUROLOGY
Search result: 32 records at Santa Barbara
156 records found in the Periodicals file

Type D SHORT followed by record number to display call number and holdings.

1. Advances in neurology. <UCB,UCD,UCI,UCLA,UCR,UCSB,UCSD,SU,USC>
2. Aktuelle Fragen der Psychiatrie und Neurologie. Topical Problems in...
<UCB,UCSB>
3. A.m.a. Archives of neurology. <UCLA,UCR,UCSB,SU,USC>
4. A.m.a. Archives of neurology and psychiatry.
<UCB,UCLA,UCR,UCSB,UCSD,CSU,SU,USC>
5. Annals of neurology. <UCB,UCD,UCI,UCLA,UCSB,UCSD,UCSF,CSU,SU,USC>
6. Archives of neurology. <UCB,UCD,UCI,UCLA,UCR,UCSB,UCSC,UCSD,UCSF,CSU,SU,USC>
7. Archives of neurology and psychiatry.
<UCD,UCI,UCLA,UCR,UCSB,UCSF,CSU,SU,USC>
8. Brain; a Journal of Neurology. <UCD,UCR,UCSB,UCSD,CRL,SU,USC>
9. Clinical and experimental neurology. <UCD,UCI,UCLA,UCSB,UCSD>
10. Clinical neurology and neurosurgery. <UCD,UCI,UCLA,UCSB,UCSD,UCSF,SU,USC>
11. Developmental medicine and child neurology.
<UCB,UCD,UCI,UCLA,UCR,UCSB,UCSD,UCSF,CSU,SU,USC>

RETRIEVING INFORMATION FOR PERIODICALS (continued)

(1)
```
Press RETURN to see the next screen.
-> F XP "NEUROLOGY" AT UCSB
Search request: F XP "NEUROLOGY"
Search result:  1 record at Santa Barbara
                1 record found in the Periodicals file

1. Neurology.
     [New York, etc., Lancet Publications]
       UCSB CU-SB    R 1. N44              v.1+; (v.1-16, 1951-66 srlf), 1951+;
                     limited loan
```

95

LIBRARY OF CONGRESS

SUBJECT HEADINGS

Prepared by Subject Cataloging Division
Processing Services

12TH EDITION

VOLUME I

A-E

Cataloging Distribution Service, Library of Congress, Washington, D.C., 1989

96

131

Set A

✓ **Industrial noise** *(May Subd Geog)*
(TA365)
UF Factories—Noise
Factory noise
Industry—Noise
BT Noise
SA *subdivision* Noise *under industrial subjects, e.g.* Construction industr —Noise
— **Law and legislation** *(May Subd Geog*

Set B

✓ **Deafness**
(RF290-RF310)
Here are entered works on the lack of sense of hearing, including the lack combined with the inability to speak, i.e. deaf-mutism. Works on the inability to speak whether from any functional or physical cause other than deafness are entered under Mutism.
UF Hearing loss
BT Audiology
Ear—Diseases
Hearing disorders
RT Hearing
NT Acoustic trauma
Deafness, Noise induced
Hearing aids
Klein-Waardenburg syndrome
Ménière's disease
Otosclerosis
Presbycusis
Usher's syndrome
— **Genetic aspects**
UF Congenital deafness
NT Alport's syndrome
— Patients
USE Deaf
✓ — **Prevention**
UF Hearing disorders—Prevention

This manual search in LCSH approximates the BROWSE search we did in MELVYL.

With the subject headings we can enter our FIND command.

How would you enter the command?

✓ **Noise control** *(May Subd Geog)*
Here are entered general works on the reduction or elimination of noise. Works on noise in types of institutions and industries and generated by types of vehicles, machinery, equipment, etc., and efforts to reduce or eliminate it, are entered under the appropriate heading with the subdivision Noise
UF Noise prevention
BT Acoustical engineering
Environmental engineering
Noise
SA *subdivision* Noise *under subjects, e.g.* Automobiles—Noise; Construction industry—Noise
NT Noise barriers
Soundproofing
— **Equipment and supplies**
NT Noise control products industry
— **Law and legislation** *(May Subd Geog)*
BT Environmental law
Nuisances

✓ **Noise pollution** *(May Subd Geog)*
(TD891-TD893.5)
BT Pollution

Summary of 3 Ways to Locate Subject Headings

1. Starting With the FIND Command and a Title Word (TW) Search

A. We're not sure of what subject headings (controlled vocabulary) are useful, so we think of a few title words (free-text) and start our search that way. For example:

-> F TW PREVENTION NOISE

B. We then display some or all of the retrieved records, using either titles and/or subject indexes.

-> D TI or **-> D TI,SU** or **-> D REV**

or any other brief format to get as many titles on the screen at one time as possible. Displaying the subjects also is an option.

C. We keep track of the title numbers that look useful and write down selected subject headings from those records that look useful.

NOISE CONTROL
HEARING LOSS PREVENTION
DEAFNESS PREVENTION

INDUSTRIAL NOISE

D. Then we do a subject search using appropriate indexes (XS and/or SU) and Boolean operators (AND and/or OR) in the correct order and one or more add-on searches as well as any limitations such as English language or date.

-> F XS NOISE CONTROL OR SU HEARING LOSS PREVENTION OR SU DEAFNESS PREVENTION

-> AND XS INDUSTRIAL NOISE

-> [and any additional limitations]

E. The retrieved records are then displayed in one of a number of formats (typically: D) and call numbers are written down for those items owned by the UCSB Library.

2. Using the BROwse Command:

A. Like search 1 above, we don't yet know the "correct" subject headings; so we use the **BROwse** command to create alphabetical lists of LC (Library of Congress) subject headings from which we can pick and choose (**SELect**) those headings that most closely describe our subject.

-> BRO SU NOISE CONTROL

We can do the same with the other topics such as Hearing Loss, Hearing Prevention, Deafness Prevention, and any other logical combination. It is a bit safer to use the SU index instead of XS because we are not yet sure of the correct form of the headings.

B. We then scan the numbered lists of displayed LC headings, then **SELect** those "useful" headings using their assigned numbers:

-> SEL 20-22, 35, 39-42

The selection process might also be done in stages instead of a single line.

The **SEL** command causes MELVYL to retrieve those records containing the selected headings.

C. After SELecting the ORed terms first, the term to be ANDed can be BROwsed also. The ANDed term can often be selected directly using an add-on command, for example:

-> AND XS INDUSTRIAL NOISE

or after BROwsing the words Industrial Noise, a slightly different add-on command can be used:

-> **AND SEL** [heading numbers or ALL]

D. The retrieved records can then be displayed.

3. Looking up "useful" headings in the LC List of Subject Headings (LCSH) for MELVYL searches or the List of Medical Subject Headings (MeSH) for MELVYL MEDLINE searches before we start the search.

   A. Several of the headings and subject words we find and write down are:

      NOISE CONTROL
      HEARING LOSS PREVENTION
      DEAFNESS PREVENTION
      INDUSTRIAL NOISE

   B. We then type the headings and selected subject heading words carefully, again taking great pains to use the Boolean operators in the proper order. Quite often we can type the statement as one long line instead of a series of add-on commands; but the final decision is ours:

      -> **F XS NOISE CONTROL OR SU HEARING LOSS PREVENTION OR DEAFNESS PREVENTION AND XS INDUSTRIAL NOISE**

   C. The retrieved records can then be displayed.

Some Considerations When Searching by Computer

Retrieving More Records and Publications
(A Few Suggestions)

(1)
```
-> SET LIB UCSB
   Your library setting is now at SANTA BARBARA.

-> SET LAN ENG
   Your language setting is now ENGLISH.
```

Look for Useful Subject Headings by Starting with a TW Search

(2)
```
-> F TW AUDITORY DISORDERS CHILDREN

   Search request: F TW AUDITORY DISORDERS CHILDREN (AND SETTING: LANGUAGE
                   ENGLISH)
   Search result:  5 records at Santa Barbara
                   8 records at all libraries
```

101

(3)
```
-> D TI,SU 1,3
Search request: F TW AUDITORY DISORDERS CHILDREN (AND SETTING: LANGUAGE ENGLISH
Search result:  5 records at Santa Barbara
                8 records at all libraries

1.
Title:              Auditory disorders in school children : identification,
                      remediation / [edited by] Ross J. Roeser, Marion P. Downs.
Subjects:        -> Hearing disorders in children.
                    School children -- Diseases.
                    Physically handicapped children -- Rehabilitation.
                    Education, Special -- United States.
                 -> Hearing Disorders -- in infancy & childhood.
                    Hearing Disorders -- therapy.
```

(4)

RETRIEVING MORE RECORDS -- USEFUL SUBJECT HEADINGS (continued)

(1) 3.
Title: Central auditory and language disorders in children / edited by Robert W. Keith.

Subjects: Word deafness in children -- Congresses.
Language disorders in children -- Congresses.
-> Auditory perception -- In infancy and childhood -- Congresses.
Language disorders -- In infancy and childhood -- Congresses.
Hearing disorders in children -- Congresses.
-> Auditory perception in children -- Congresses.
Auditory Perception -- in infancy & childhood -- congresses.
Language Disorders -- in infancy & childhood -- congresses.

(2) -> **F SU HEARING DISORDERS CHILD# OR SU AUDITORY PERCEPTION CHILD#**
The MELVYL catalog is working on your request...

Search request: F SU HEARING DISORDERS CHILD# OR SU AUDITORY PERCEPTION CHILD# (AND SETTING: LANGUAGE ENGLISH)
Search result: 78 records at Santa Barbara
119 records at all libraries
(3)

RETRIEVING MORE RECORDS (continued)

Search For Records By Using Authors' Names

(1) -> D TI,PA
Search request: F SU HEARING DISORDERS CHILD# OR SU AUDITORY PERCEPTION CHILD#
(AND SETTING: LANGUAGE ENGLISH)
Search result: 78 records at Santa Barbara
119 records at all libraries

(2)
1.
Title: Audition in childhood : methods of study / edited by Daniel S. Beasley.
Personal Author: Beasley, Daniel S.

2.
Title: Auditory development in infancy / edited by Sandra E. Trehub and Bruce Schneider.
Personal Author: Trehub, Sandra, 1938-
Schneider, Bruce, 1941-

103

3.
Title: Auditory disorders in school children : identification, remediation / [edited by] Ross J. Roeser, Marion P. Downs.
Personal Author: Roeser, Ross J.
Downs, Marion P.

(3)
4.
Title: Auditory disorders in school children : the law, identification, remediation / [edited by] Ross J. Roeser, Marion P. Downs.
Personal Author: Roeser, Ross J.
Downs, Marion P.

5.
Title: Auditory management of hearing-impaired children : principles and prerequisites for intervention / edited by Mark Ross and Thomas G. Giolas.
Personal Author: Ross, Mark.

RETRIEVING MORE RECORDS -- AUTHORS' NAMES (continued)

(1) -> **F PA ROESER, ROSS J OR DOWNS, MARION P OR ROSS, MARK**

Search request: F PA ROESER, ROSS J OR DOWNS, MARION P OR ROSS, MARK (AND SETTING: LANGUAGE ENGLISH)
Search result: 8 records at Santa Barbara
19 records at all libraries

Display Useful Call Numbers For Browsing the Shelves

(2) -> **F SU HEARING DISORDERS CHILD# OR SU AUDITORY PERCEPTION CHILD#**

Search request: F SU HEARING DISORDERS CHILD# OR SU AUDITORY PERCEPTION CHILD# (AND SETTING: LANGUAGE ENGLISH)
Search result: 78 records at Santa Barbara
119 records at all libraries

401 (3)
-> **D TI,CALL**
Search request: F SU HEARING DISORDERS CHILD# OR SU AUDITORY PERCEPTION CHILD# (AND SETTING: LANGUAGE ENGLISH)
Search result: 78 records at Santa Barbara
119 records at all libraries

1.
Title: Audition in childhood : methods of study / edited by Daniel S. Beasley.
(4) Call numbers: UCSB Library BF723.A77 A93 1984

2.
Title: Auditory development in infancy / edited by Sandra E. Trehub and Bruce Schneider.
(5) Call numbers: UCSB Library RF291.5.C45 A84 1985 Sci-Engrg

RETRIEVING MORE RECORDS -- CALL NUMBERS (continued)

(1)

3.
Title: Auditory disorders in school children : identification, remediation / [edited by] Ross J. Roeser, Marion P. Downs.
Call numbers: UCSB Library RF291.5.C45 A85 1988 Sci-Engrg

4.
Title: Auditory disorders in school children : the law, identification, remediation / [edited by] Ross J. Roeser, Marion P. Downs.
Call numbers: UCSB Library HV2545 .A934 1981

5.
Title: Auditory management of hearing-impaired children : principles and prerequisites for intervention / edited by Mark Ross and Thomas G. Giolas.
Call numbers: UCSB Library HV2430 .A9

105

Locate Bibliographies in Books

(2)

-> **D TI,NOTES**
Search request: F SU HEARING DISORDERS CHILD# OR SU AUDITORY PERCEPTION CHILD# (AND SETTING: LANGUAGE ENGLISH)
Search result: 78 records at Santa Barbara
119 records at all libraries

1.
Title: Auditory disorders in school children : identification, remediation / [edited by] Ross J. Roeser, Marion P. Downs.
(3) Notes: Includes bibliographies and index.
Includes bibliographical references and index.

->

RETRIEVING MORE RECORDS (continued)

Use Series Information to Retrieve More Records

(1) -> **D 1-5 SE**
Search request: F SU HEARING DISORDERS CHILD# OR SU AUDITORY PERCEPTION CHILD#
(AND SETTING: LANGUAGE ENGLISH)
Search result: 78 records at Santa Barbara
119 records at all libraries

(2)
1.
Requested fields do not exist in this record.
2.
Series: Advances in the study of communication and affect ; v. 10.
3.
Requested fields do not exist in this record.
4.
Requested fields do not exist in this record.
5.
Series: Perspectives in audiology series.

901

(3) -> **F SE AUDIOLOGY**

Search request: F SE AUDIOLOGY (AND SETTING: LANGUAGE ENGLISH)
Search result: 50 records at Santa Barbara
61 records at all libraries

-> **D**
Search request: F SE AUDIOLOGY (AND SETTING: LANGUAGE ENGLISH)
Search result: 50 records at Santa Barbara
61 records at all libraries

(4) 1. Auditory management of hearing-impaired children : principles and prerequisites for intervention / edited by Mark Ross and Thomas G. Giolas.
Baltimore : University Park Press, c1978.
Series title: Perspectives in audiology series.
UCSB Library HV2430 .A9

RETRIEVING MORE RECORDS (continued)

Use Truncation

(1) -> **F TW ARTICULATION DISORDERS**

Search request: F TW ARTICULATION DISORDERS
Search result: 6 citations in the Medical database

(2) MED-> **D TI 1**
Search request: F TW ARTICULATION DISORDERS
Search result: 6 citations in the Medical database

1.
Title: Visual-motor ability of children with articulation disorders.

(3) MED-> **F TW ARTICULAT# DISORDERS**

L01

Search request: F TW ARTICULAT# DISORDERS
Search result: 9 citations in the Medical database

(4) MED-> **D 1-2 TI**
Search request: F TW ARTICULAT# DISORDERS
Search result: 9 citations in the Medical database

1.
Title: Visual-motor ability of children with articulation disorders.

2.
Title: Articulatory disorders in speech among Finnish-speaking students according to age, sex, and speech therapy.

RETRIEVING MORE RECORDS -- TRUNCATION (continued)

(1) MED-> **F TW ARTICULAT# DISORDER#**

Search request: F TW ARTICULAT# DISORDER#
Search result: 18 citations in the Medical database

(2) MED-> **D 1,2,5,6 TI**
Search request: F TW ARTICULAT# DISORDER#
Search result: 18 citations in the Medical database

1.
Title: The occurrence of developmental apraxia of speech in a mild articulation disorder: a case study.

(3) 2.
Title: Visual-motor ability of children with articulation disorders.

5.
Title: Articulatory disorders in speech among Finnish-speaking students according to age, sex, and speech therapy.

801

6.
Title: An instrumental phonetic study of lingual activity in articulation-disordered children.

RETRIEVING MORE RECORDS -- TRUNCATION (continued)

① MED-> **F SU ARTICULATION DISORDERS**

Search request: F SU ARTICULATION DISORDERS
Search result: 125 citations in the Medical database

② MED-> **F SU ARTICULAT# DISORDERS**

Search request: F SU ARTICULAT# DISORDERS
Search result: 125 citations in the Medical database

③ MED-> **F SU ARTICULAT# DISORDER#**

Search request: F SU ARTICULAT# DISORDER#
Search result: 125 citations in the Medical database

MED->

101

RETRIEVING MORE RECORDS (continued)

Subject Headings Almost Always Retrieve More Records Than the Same Words in Titles

(1) -> **F TW AUTISM**

Search request: F TW AUTISM
Search result: 79 records at all libraries

(2) -> **F XS AUTISM**

Search request: F XS AUTISM #
Search result: 179 records at all libraries

(3) -> **F TW HEARING DISORDERS**

Search request: F TW HEARING DISORDERS
Search result: 38 records at all libraries

(4) -> **F XS HEARING DISORDERS**

Search request: F XS HEARING DISORDERS #
Search result: 371 records at all libraries

(5) -> **F TW AUDIOMETRY**

Search request: F TW AUDIOMETRY
Search result: 40 records at all libraries

(6) -> **F XS AUDIOMETRY**

Search request: F XS AUDIOMETRY
Search result: 171 records at all libraries

RETRIEVING MORE RECORDS (continued)

Use the OR Operator More

(1) -> **F XS AGED, DEAF**

(2) Search request: F XS AGED, DEAF #
Search result: 13 records at all libraries

(3) -> **OR SU HEARING DISORDERS OLD AGE OR XS AGED -- COMMUNICATION**

Search request: F XS AGED, DEAF # OR XS HEARING DISORDERS -- IN OLD AGE # OR XS AGED -- COMMUNICATION #

(4) Search result: 23 records at all libraries

RETRIEVING MORE RECORDS (continued)

Using Subject-Oriented Words from Journal Names
(For MELVYL MEDLINE and MELVYL CURRENT CONTENTS)

(1) MED-> **F JO HEARING**

(2) Search request: F JO HEARING
Search result: 1,475 citations in the Medical database

(3) MED-> D
Search request: F JO HEARING
Search result: 1,475 citations in the Medical database

(4)

1. Kim DO; Sirianni JG; Chang SO.
Responses of DCN-PVCN neurons and auditory nerve fibers in unanesthetized decerebrate cats to AM and pure tones: analysis with autocorrelation/power-spectrum.
Hearing Research, 1990 Apr, 45(1-2):95-113.

2. Gitter AH; Zenner HP.
The cell potential of isolated inner hair cells in vitro.
Hearing Research, 1990 Apr, 45(1-2):87-93.

3. Moller AR; Jho HD.
Late components in the compound action potentials (CAP) recorded from the intracranial portion of the human eighth nerve.
Hearing Research, 1990 Apr, 45(1-2):75-86.

MED->

Retrieving Fewer Records

Reduce the Number of ORed Terms

(1) -> **F XS DEAFNESS OR XS HEARING DISORDERS OR XS HEARING LOSS OR XS EAR DISEASES**
The MELVYL catalog is working on your request...

Search request: F XS DEAFNESS # OR XS HEARING DISORDERS # OR XS HEARING LOSS # OR XS EAR DISEASES # (AND SETTING: LANGUAGE ENGLISH)

(2) Search result: 370 records at Santa Barbara
1,014 records at all libraries

(3) -> **F XS DEAFNESS OR XS HEARING LOSS**

Search request: F XS DEAFNESS # OR XS HEARING LOSS # (AND SETTING: LANGUAGE ENGLISH)

(4) Search result: 170 records at Santa Barbara
418 records at all libraries

Reduce the Number of Retrieved Records by Modifying the Subject Heading (Two Methods)

(5) -> **F XS LANGUAGE DISORDERS**

Search request: F XS LANGUAGE DISORDERS # (AND SETTING: LANGUAGE ENGLISH)

(6) Search result: 212 records at Santa Barbara
309 records at all libraries

(7) -> **D TI,SU 1,4**
Search request: F XS LANGUAGE DISORDERS # (AND SETTING: LANGUAGE ENGLISH)
Search result: 212 records at Santa Barbara
309 records at all libraries

RETRIEVING FEWER RECORDS (continued)

1.
Title: The Acquisition of communicative competence / edited by Richard L. Schiefelbusch and Joanne Pickar.

Subjects: Language acquisition.
Communicative competence.
Communicative competence in children.
Language disorders in children
Communication -- in infancy & childhood.
Language development.

4.
Title: Advances in applied psycholinguistics / edited by Sheldon Rosenberg.

Subjects: Psycholinguistics.
Language acquisition.
Language disorders.
Reading.
Writing.

hll

Method Number One
(Use Quotation Marks for a More General Topic)

-> **F XS "LANGUAGE DISORDERS"**

Search request: F XS "LANGUAGE DISORDERS" (AND SETTING: LANGUAGE ENGLISH)
Search result: 74 records at Santa Barbara
108 records at all libraries

-> **D TI,SU 1,2**
Search request: F XS "LANGUAGE DISORDERS" (AND SETTING: LANGUAGE ENGLISH)
Search result: 74 records at Santa Barbara
108 records at all libraries

RETRIEVING FEWER RECORDS (continued)

1.
Title: Advances in applied psycholinguistics / edited by Sheldon Rosenberg.
Subjects: Psycholinguistics.
Language acquisition.
(1) Language disorders
Reading.
Writing.

2.
Title: Aging, communication processes and disorders / editors, Daniel S. Beasley, G. Albyn Davis.
Subjects: Geriatrics.
Communicative disorders.
Aging.
Communication -- in old age.
Language Disorders -- in old age.
Language disorders.

115

Method Number Two
(At least 2 possibilities)

Number 1: Search with a More Specific Heading

(2) -> **F XS LANGUAGE DISORDERS IN CHILDREN**
Search request: F XS LANGUAGE DISORDERS IN CHILDREN #
Search result: 130 records at all libraries

(3) -> **D TI,SU**
Search request: F XS LANGUAGE DISORDERS IN CHILDREN # 150
Search result: 130 records at all libraries

RETRIEVING FEWER RECORDS (continued)

(1) 1.
Title: The Acquisition of communicative competence / edited by Richard L. Schiefelbusch and Joanne Pickar.

Subjects: Language acquisition.
Communicative competence.
Communicative competence in children.
Language disorders in children.
Communication -- in infancy & childhood.
Language development.

Number 2: Use Subheadings

(2) -> **F XS HEARING DISORDERS**

(3) Search request: F XS HEARING DISORDERS #
Search result: 372 records at all libraries

911

-> **D**
Search request: F XS HEARING DISORDERS #
Search result: 372 records at all libraries

10.
(4) Subjects: Hearing.
Hearing disorders -- Rehabilitation.

(5) -> **F XS HEARING DISORDERS -- REHABILITATION**

(6) Search request: F XS HEARING DISORDERS -- REHABILITATION #
Search result: 55 records at all libraries

RETRIEVING FEWER RECORDS (continued)

In MELVYL MEDLINE, Use Major Subject Headings

(1) MED-> **F XS LANGUAGE DISORDERS**

Search request: F XS LANGUAGE DISORDERS
(2) Search result: 241 citations in the Medical database

(3) MED-> **D TI,SU 2,4**
Search request: F XS LANGUAGE DISORDERS
Search result: 241 citations in the Medical database

2.
Title: [Complexity of diagnostic and therapeutic approaches in very young children with language and/or behavior problems].

Subject: *Child Behavior Disorders -- diagnosis.
Child Behavior Disorders -- therapy.
Child, Preschool.
English Abstract.
Human.
L11 (4) *Language Disorders -- diagnosis.
Language Disorders -- therapy.

4.
Title: Frontal lobe dysfunction following closed head injury. A review of the literature.

Subject: Behavior.
Brain Diseases -- diagnosis.
(5) Frontal Lobe -- physiology.
*Head Injuries -- complications.
Human.
Language Disorders -- etiology.

RETRIEVING FEWER RECORDS -- MAJOR SUBJECT HEADINGS (continued)

(1) MED-> **F MXS LANGUAGE DISORDERS**

Search request: F MXS LANGUAGE DISORDERS
(2) Search result: 165 citations in the Medical database

MED-> **D TI,SU 2,12**
Search request: F MXS LANGUAGE DISORDERS
Search result: 165 citations in the Medical database

2.
Title: [Complexity of diagnostic and therapeutic approaches in very young children with language and/or behavior problems].

Subject: *Child Behavior Disorders -- diagnosis.
Human.
Infant.
Infant, Newborn.
(3) *Language Disorders -- diagnosis.
Language Disorders -- therapy.

811

12.
Title: Conversational characteristics of children with semantic-pragmatic disorder. II: What features lead to a judgement of inappropriacy?

Subject: Child.
*Child Language.
Cognition -- physiology.
Female.
Human.
(4) *Language Development.
*Language Disorders -- psychology.
Male.

Some Problems and Precautions When Searching

Find the Correct Subject Heading

(1) -> **F SU INNER EAR**

Search request: F SU INNER EAR
(2) Search result: 0 records at all libraries

You may get results by redoing your search in the Title Word index, i.e., F TW <search words>. Type HELP for more information.

(3) -> **F SU LABYRINTH EAR**

Search request: F SU LABYRINTH EAR
(4) Search result: 118 records at all libraries

-> **D 1 TI,SU**
Search request: F SU LABYRINTH EAR
Search result: 118 records at all libraries

1.
Title: Acoustic tumors / edited by William F. House and Charles M. Luetje.

Subjects: Ear -- Tumors.
Labyrinth (Ear) -- Tumors.
Neuroma, Acoustic -- Diagnosis.
Neuroma, Acoustic -- Therapy.
(5) Ear neoplasms -- Diagnosis.
Ear neoplasms -- Therapy.
Neuroma, Acoustic.
Ear Neoplasms.

AND, OR, AND NOT are Not Treated as Boolean Operators
When Used in Non-Boolean Operations

(1) -> **F XT LANGUAGE AND SPEECH DISORDERS**

(2) Search request: F XT LANGUAGE AND SPEECH DISORDERS #
Search result: 2 records at all libraries

-> **D** .
Search request: F XT LANGUAGE AND SPEECH DISORDERS #
Search result: 2 records at all libraries

(3) 1. Critchley, E. M. R. (Edmund M.R.)
Language and speech disorders : a neurophysiological approach / E.M.R. Critchley. London : CNS ; Hillsdale, N.J. : Sole distributor in the Americas LEA Inc., c1987.
UCSB Library RC423 .C93 1987 Sci-Engrg
UCSD Biomed WL 340 C932l 1987

2. Eisenson, Jon, 1907-
Language and speech disorders in children / Jon Eisenson. New York : Pergamon Press, c1986.
Series title: Psychology practitioner guidebooks.
UCLA Biomed WM 475 E36L 1986
UCSB Library RJ496.L35 E37 1986 Sci-Engrg

8811

(1) -> **F TW LANGUAGE AND SPEECH DISORDERS**

Search request: F TW LANGUAGE AND SPEECH DISORDERS
(2) Search result: 37 records at all libraries

-> **D**
Search request: F TW LANGUAGE AND SPEECH DISORDERS
Search result: 37 records at all libraries

1.
(3) Title: Speech, language and learning disorders; education and therapy.

Get the Correct Form of the Subject Heading

(4) -> **F XS COMMUNICATION DISORDERS**

Search request: F XS COMMUNICATION DISORDERS #
(5) Search result: 5 records at all libraries

-> **D TI,SU 1**
Search request: F XS COMMUNICATION DISORDERS #
Search result: 5 records at all libraries

1.
Title: Audition in childhood : methods of study / edited by Daniel S. Beasley.
Subjects: Auditory perception in children.
Communicative disorders in children.
Communication -- In infancy and childhood.
(6) Auditory perception -- In infancy and childhood.
Child Development -- physiology.
Communication disorders in children.

(1) -> **F XS COMMUNICATIVE DISORDERS**

Search request: F XS COMMUNICATIVE DISORDERS #
Search result: 206 records at all libraries

Q811

MELVYL MEDLINE

The MELVYL MEDLINE Database

MELVYL MEDLINE contains approximately 1,470,000 citations from medical and health sciences journals indexed by the National Library of Medicine from January, 1986 - August 21, 1990.

A MELVYL MEDLINE Record

12. Lalande NM; Hetu R; Lambert J.
Is occupational noise exposure during pregnancy a risk factor of damage to the auditory system of the fetus?
American Journal of Industrial Medicine, 1986, 10(4):427-35.

MED->

Sample Searches in MELVYL MEDLINE

Comparing Indexes: TW, XS, and KW

① MED-> **F TW SIGN LANGUAGE**

② Search request: F TW SIGN LANGUAGE
Search result: 28 citations in the Medical database

Type D to display results, or type HELP.

MED-> **D 1**
Search request: F TW SIGN LANGUAGE
Search result: 28 citations in the Medical database

1. Poizner H; Bellugi U; Klima ES.
Biological foundations of language: clues from sign language.
Annual Review of Neuroscience, 1990, 13:283-307.

120

③ MED-> **F XS SIGN LANGUAGE #**

④ Search request: F XS SIGN LANGUAGE #
Search result: 149 citations in the Medical database

MED-> **D PA,TI,JO,SU 5**

5.
Author: Tomlinson-Keasey C; Smith-Winberry C.
Title: Cognitive consequences of congenital deafness.
Journal: J Genet Psychol, 1990 Mar, 151(1):103-15.
Subject: Adolescence.
*Deafness -- congenital.
*Education, Special.
*Psychomotor Performance.
*Serial Learning.
Sign Language.

160

Displayable Fields

SU Subject headings
TW Titles
JO Journal names, pages, etc.
PA Authors
AD Their addresses
LAN Language
REF No. of references
AB Abstract

161

COMPARING INDEXES (continued)

(1) MED-> **F KW SIGN LANGUAGE**

Search request: F KW SIGN LANGUAGE
(2) Search result: 170 citations in the Medical database

MED-> **D TI,SU,AB 58**
Search request: F KW SIGN LANGUAGE
Search result: 170 citations in the Medical database

58.
Title: Varix of the facial vein.

Subject: Case Report.
Human.
(3) Male.
*Mandible -- blood supply.
Middle Age.
*Thrombosis -- surgery.
*Varicose Veins -- surgery.
Veins -- surgery.

121

Abstract: The differential diagnosis for a mass overlying the angle of the mandible but not attached to it includes lymphatic masses, benign and malignant parotid lesions, cysts, and vascular malformations. Thrombosis of the facial vein is a rare entity that now must be added to the list. This article details the first English-language description of such a thrombosis
(4) presenting as a mass. The possible causes are antecedent trauma, infection, or thrombosis of contiguous venous structures. While the diagnosis could be made preoperatively by selective venography or ultrasonography, it most likely will be made by surgical excisions. The preoperative diagnosis may be suggested by the "turkey wattle sign" (i.e., fluctuation in the size of the mass with bending the head downward). In this article the entity and differential diagnosis are reviewed and discussed.

Retrieving Reviews to the Literature

(1) MED-> **F XS HEARING LOSS # AND XS CHILD AND XS REVIEW AND LAN ENG**

Search request: F XS HEARING LOSS # AND XS CHILD AND XS REVIEW AND LAN ENG
Search result: 33 citations in the Medical database

MED-> **D AU,TI,JO,RF,AB 32**
Search request: F XS HEARING LOSS # AND XS CHILD AND XS REVIEW AND LAN ENG
Search result: 33 citations in the Medical database

32.
Author: Bess FH; Tharpe AM.

Title: An introduction to unilateral sensorineural hearing loss in children.

Journal: Ear and Hearing, 1986 Feb, 7(1):3-13.

(2) References: 113 (review article)

Abstract: This paper offers a general review of literature on issues pertinent to unilateral hearing loss in children. The paper focuses on such areas as demographic considerations, the importance of binaural hearing, the effects of noise on speech recognition, learning and educational factors, and auditory deprivation. It is concluded that there is sufficient evidence to suspect that children with unilateral sensorineural hearing loss can experience complications in communication and education. Finally, this paper presents the description of a research plan used in our study on unilateral sensorineural hearing loss in children.

122

MELVYL MEDLINE Display Options

(1) MED-> **F XS HEARING LOSS, PARTIAL**

Search request: F XS HEARING LOSS, PARTIAL
Search result: 625 citations in the Medical database

(2) MED-> **AND LAN ENG**

Search request: F XS HEARING LOSS, PARTIAL AND LAN ENG
Search result: 460 citations in the Medical database

(3) MED-> **D**
Search request: F XS HEARING LOSS, PARTIAL AND LAN ENG
Search result: 460 citations in the Medical database

1. Boettcher FA; Bancroft BR; Salvi RJ.
Concentration of salicylate in serum and perilymph of the chinchilla.
Archives of Otolaryngology -- Head and Neck Surgery, 1990 Jun, 116(6):681-4.

123

2. Horn KL; Pai V; Beauparlant PA.
Stapedotomy in Larsen's syndrome.
American Journal of Otology, 1990 May, 11(3):205-6.

3. Otosclerosis.
North Carolina Medical Journal, 1990 May, 51(5):221-3.

4. Smyth V; Scott J; Tudehope D.
The utility of the auditory brainstem response as a screening procedure.
International Journal of Pediatric Otorhinolaryngology, 1990 Mar, 19(1):45-55.

MELVYL MEDLINE DISPLAY OPTIONS (continued)

(1) MED-> **D REV**
Search request: F XS HEARING LOSS, PARTIAL AND LAN ENG
Search result: 460 citations in the Medical database

1. Concentration of salicylate in serum and perilymph of the chinchilla.
   Arch Otolaryngol Head Neck Surg, 1990 Jun, 116(6):681-4.
2. Stapedotomy in Larsen's syndrome.
   Am J Otol, 1990 May, 11(3):205-6.
3. Otosclerosis.
   N C Med J, 1990 May, 51(5):221-3.
4. The utility of the auditory brainstem response as a screening procedure.
   Int J Pediatr Otorhinolaryngol, 1990 Mar, 19(1):45-55.
5. Sequelae of tympanostomy tubes [letter].
   Pediatr Infect Dis J, 1990 Apr, 9(4):302-3.
6. Harmonic distortion measurements in clinical hearing and fitting....
   Scand Audiol, 1990, 19(1):55-8.
7. Auditory detection, discrimination and speech processing in ageing,...
   Scand Audiol, 1990, 19(1):43-54.
8. Effect of simulated bilateral cochlear distortion on speech...
   Scand Audiol, 1990, 19(1):37-41.

124

MELVYL MEDLINE DISPLAY OPTIONS (continued)

(1) MED-> **D LON 4**
Search request: F XS HEARING LOSS, PARTIAL AND LAN ENG
Search result: 460 citations in the Medical database

Type HELP for other display options.

4.
Author: Smyth V; Scott J; Tudehope D.
Address: Department of Speech and Hearing, University of Queensland, St. Lucia, Brisbane, Australia.
Title: The utility of the auditory brainstem response as a screening procedure.
Language: English.
Journal: International Journal of Pediatric Otorhinolaryngology, 1990 Mar, 19(1):45-55.
Subject: Acoustic Impedance Tests.
Audiometry -- methods.
*Audiometry, Evoked Response.
Auditory Threshold -- physiology.
Brain Stem -- physiology.
Comparative Study.
*Evoked Potentials, Auditory -- physiology.
Female.
Follow-Up Studies.
Hearing -- physiology.
Hearing Loss, Partial -- prevention & control.
Human.
Infant.
*Infant, Low Birth Weight -- physiology.
Infant, Newborn.
Male.
Mass Screening.
Reaction Time.

125

MELVYL MEDLINE DISPLAY OPTIONS (continued)

① MED-> **D SHORT, AB 4**
Search request: F XS HEARING LOSS, PARTIAL AND LAN ENG
Search result: 460 citations in the Medical database

4. Smyth V; Scott J; Tudehope D.
The utility of the auditory brainstem response as a screening procedure.
International Journal of Pediatric Otorhinolaryngology, 1990 Mar, 19(1):45-55.

Abstract: A population of very low birthweight infants consisting of 41 infants (24 female) less than 1000 g birthweight and 108 infants (63 female) 1000-1499 g birthweight received auditory brainstem response audiometry (ABR) before initial discharge from hospital and were subsequently monitored via behavioural audiometry and tympanometry as part of their pediatric medical team follow-up assessment at age 7 months. Results support the use of ABR but indicate that its diagnostic yield was enhanced by the use of multiple ABR parameters in combination with basic audiological techniques. The commonly used single-value ABR pass/fail criterion was not found to be clinically practical.

126

② MED-> **D AU,TI 4**
Search request: F XS HEARING LOSS, PARTIAL AND LAN ENG
Search result: 460 citations in the Medical database

4.
Author: Smyth V; Scott J; Tudehope D.

Title: The utility of the auditory brainstem response as a screening procedure.

MELVYL MEDLINE DISPLAY OPTIONS (continued)

(1) MED-> **D AU,TI 4-6,8**
Search request: F XS HEARING LOSS, PARTIAL AND LAN ENG
Search result: 460 citations in the Medical database

4.
Author: Smyth V; Scott J; Tudehope D.

Title: The utility of the auditory brainstem response as a screening procedure.

5.
Author: Manning SC.

Title: Sequelae of tympanostomy tubes [letter].

6.
Author: Nielsen HB; Nielsen H; Parving A.

Title: Harmonic distortion measurements in clinical hearing and fitting. Preliminary report.

(27)

8.
Author: Hood JD; Prasher DK.

Title: Effect of simulated bilateral cochlear distortion on speech discrimination in normal subjects.

Retrieving Subject Headings Using the BROWSE Command

(1) MED-> **BRO SU HEARING LOSS**
Browse request: BRO SU HEARING LOSS
Browse result: 9 MeSH headings in the Medical database

Type D LONG to display subheadings, narrower headings, and other information.
Type SELECT and the heading numbers to search for citations with each heading.

1. Deafness. (has narrower headings)	1,268 citations
2. Hearing Loss, Bilateral.	139 citations
3. Hearing Loss, Central.	41 citations
(2) 4. Hearing Loss, Conductive.	280 citations
5. Hearing Loss, Functional.	28 citations
6. Hearing Loss, High-Frequency.	99 citations
7. Hearing Loss, Noise-Induced.	420 citations
8. Hearing Loss, Partial. (has narrower headings)	625 citations
9. Hearing Loss, Sensorineural. (has narrower headings)	1,002 citations

(3) MED-> **D SH 8**
Browse request: BRO SU HEARING LOSS
Browse result: 9 MeSH headings in the Medical database

8. Hearing Loss, Partial. (625 citations including all subheadings)

SUBHEADINGS:	citations	SUBHEADINGS:	citations
8.1 Hearing Loss, Partial (Used alone)	27	8.13 - immunology.	1
8.2 - blood.	2	8.14 - microbiology.	1
8.3 - chemically induced.	42	8.15 - nursing.	7
8.4 - classification.	2	8.16 - pathology.	7
8.5 - complications.	31	8.17 - physiopathology.	106
8.6 - congenital.	11	8.18 - prevention & control.	17
8.7 - diagnosis.	118	8.19 - psychology.	30
8.8 - drug therapy.	8	8.20 - radiography.	2
8.9 - epidemiology.	18	8.21 - rehabilitation.	36
8.10 - etiology.	190	8.22 - surgery.	34
8.11 - genetics.	18	8.23 - therapy.	20
		8.24 - veterinary.	1

821

RETRIEVING SUBJECT HEADINGS WITH THE BROWSE COMMAND (continued)

(1) MED-> **SEL 8.21 8.23**

Search request: SEL 8.21 8.23 (from BRO SU HEARING LOSS)
Search result: 56 citations in the Medical database

(2) MED-> **D SN 8**
Browse request: BRO SU HEARING LOSS
Browse result: 9 MeSH headings in the Medical database

8. Hearing Loss, Partial. (625 citations including all subheadings)

(3) SCOPE NOTES: A condition in which the sense of hearing, although defective, is functional with or without a hearing aid. The hearing level for speech is approximately 40-70 decibels I.S.O. (International Organization for Standardization) or 30-60 db A.S.A. (American Standards Association). Syn: hard of hearing.

129

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NOTE: 5 different screens of information can be displayed to give you listings of subject headings. Use the **D** command followed by the 2-character field code given below and the number for the subject heading that you retrieved using the BROwse command. We decided to display information for heading number 8 for this example:

1. NH Narrower Headings (narrower than the heading you selected from your numbered BROwse list)
2. BH Broader Headings
3. RH Related Headings
4. SH Subheadings (see previous page for an example)
5. SN Scope Note (see example on this page)

Some Limit Features

(1) MED-> **F XS AUDITORY PERCEPTION #**

Search request: F XS AUDITORY PERCEPTION #
Search result: 915 citations in the Medical database

MED-> **D 13-16**
Search request: F XS AUDITORY PERCEPTION #
Search result: 915 citations in the Medical database

13. Puel JL; Rebillard G.
Effect of contralateral sound stimulation on the distortion product 2F1-F2: evidence that the medial efferent system is involved.
Journal of the Acoustical Society of America, 1990 Apr, 87(4):1630-5.

(2) 130

14. Milner AD; Taylor MJ.
Auditory orienting and detection in rats following lesions of the superior colliculus.
Behavioural Brain Research, 1990 Mar 26, 37(3):293-6.

15. Lickliter R.
Premature visual stimulation accelerates intersensory functioning in bobwhite quail neonates.
Dev Psychobiol, 1990 Jan, 23(1):15-27.

16. Goffinet AM; De Volder AG; Bol A; Michel C.
Brain glucose utilization under high sensory activation: hypoactivation of prefrontal cortex.
Aviation Space and Environmental Medicine, 1990 Apr, 61(4):338-42.

SOME LIMIT FEATURES (continued) -- BY LANGUAGE AND HUMANS

(1) MED-> **AND XS HUMAN**

Search request: F XS AUDITORY PERCEPTION # AND XS HUMAN
(2) Search result: 649 citations in the Medical database

(3) MED-> **AND LAN ENG**

Search request: F XS AUDITORY PERCEPTION # AND XS HUMAN AND LAN ENG
(4) Search result: 589 citations in the Medical database

(5) MED-> **F XS AUDITORY PERCEPTION # AND XS HUMAN AND LAN ENG**

Search request: F XS AUDITORY PERCEPTION # AND XS HUMAN AND LAN ENG
Search result: 589 citations in the Medical database

131

SOME LIMIT FEATURES (continued) -- BY DATE

(1) MED-> **F XJ EAR AND HEARING**

Search request: F XJ EAR AND HEARING #
Search result: 265 citations in the Medical database

(2) MED-> **AND DATE 1988**

Search request: F XJ EAR AND HEARING # AND DATE 1988
Search result: 48 citations in the Medical database

MED-> D
Search request: F XJ EAR AND HEARING # AND DATE 1988
Search result: 48 citations in the Medical database

132

1. Wickesberg RE.
Comment on "Digital filtering of auditory evoked potentials" [letter].
Ear and Hearing, 1988 Dec, 9(6):297-8.

2. Levitt H.
Recurrent issues underlying the development of tactile sensory aids.
Ear and Hearing, 1988 Dec, 9(6):301-5.

3. Boothroyd A; Hnath-Chisolm T; Hanin L; Kishon-Rabin L.
Voice fundamental frequency as an auditory supplement to the speechreading of sentences.
Ear and Hearing, 1988 Dec, 9(6):306-12.

SOME LIMIT FEATURES (continued) -- BY DATE

(1) MED-> **F XJ EAR AND HEARING AND DATE JUNE 88 - DEC 88**

Search request: F XJ EAR AND HEARING # AND DATE JUNE 88 - DEC 88
Search result: 34 citations in the Medical database

(2) MED-> **D 1,34**
Search request: F XJ EAR AND HEARING # AND DATE JUNE 88 - DEC 88
Search result: 34 citations in the Medical database

1. Wickesberg RE.
Comment on "Digital filtering of auditory evoked potentials" [letter].
(3) Ear and Hearing, 1988 Dec, 9(6):297-8.

34. McGee T; Kraus N; Wolters C.
Viewing the audiogram through a mathematical model.
Ear and Hearing, 1988 Jun, 9(3):153-6.

133

Using Major Subject Headings to Emphasis Your Subject

(1) **MED-> F SU HEARING LOSS THERAPY OR HEARING LOSS REHABILITATION AND XS AGED**

Search request: F SU HEARING LOSS THERAPY OR HEARING LOSS REHABILITATION AND XS AGED
Search result: 129 citations in the Medical database

MED-> D 15,18 TI,SU
Search request: F SU HEARING LOSS THERAPY OR HEARING LOSS REHABILITATION AND XS AGED
Search result: 129 citations in the Medical database

15.
Title: Comfortable loudness level: stimulus effects, long-term reliability, and predictability.

Subject:
Adult.
Aged.
Aged, 80 and over.
Audiometry.
Auditory Threshold.
*Hearing Aids.
*Hearing Loss, Sensorineural -- diagnosis.
Hearing Loss, Sensorineural -- physiopathology.
(2) → *Hearing Loss, Sensorineural -- rehabilitation.
Human.
*Loudness Perception.
Middle Age.
*Speech.
*Speech Acoustics.
Support, Non-U.S. Gov't.
Support, U.S. Gov't, Non-P.H.S.

134

USING MAJOR SUBJECT HEADINGS (continued)

18.
Title: A comparative evaluation of four hearing-aid selection procedures. II--Quality judgements as measures of benefit.

Subject:
- Aged.
- Attitude.
- Comparative Study.
- *Hearing Aids.
- *Hearing Aids -- standards.
- → *Hearing Loss, Sensorineural -- rehabilitation.
- Human.
- Middle Age.
- *Prescriptions, Non-Drug.
- Psychoacoustics.
- Quality Control.
- *Speech Discrimination Tests.
- Support, Non-U.S. Gov't.

(1)

135

USING MAJOR SUBJECT HEADINGS (continued)

(1) MED-> **F MSU HEARING LOSS THERAPY OR MSU HEARING LOSS REHABILITATION AND XS AGED**

Search request: F MSU HEARING LOSS THERAPY OR MSU HEARING LOSS REHABILITATION AND XS AGED
Search result: 87 citations in the Medical database

(2) MED-> **D REV**
Search request: F MSU HEARING LOSS THERAPY OR MSU HEARING LOSS REHABILITATION AND XS AGED
Search result: 87 citations in the Medical database

1. [Branemark-type osteo-integrated implants for the adaptation of...
   Acta Otorrinolaringol Esp, 1990 Jan-Feb, 41(1):61-4.
2. The use and benefits of assistive devices and systems for the...
   Scand Audiol, 1990, 19(1):59-63.
3. Harmonic distortion measurements in clinical hearing and fitting....
   Scand Audiol, 1990, 19(1):55-8.
4. In-the-canal hearing aids. Their use by and benefit for the younger...
   Scand Audiol, 1990, 19(1):25-30.
5. [Hydergine in pathology of the inner ear].
   An Otorrinolaringol Ibero Am, 1990, 17(1):85-98.
6. The reliability of functional gain.
   J Speech Hear Disord, 1990 May, 55(2):193-7.
7. Longitudinal effects of single-channel cochlear implantation on voice...
   Laryngoscope, 1990 Apr, 100(4):395-8.

(3) 136

Some Author Searching

(1) MED-> **F PA SMITH M**

Your personal author request is being searched as:
SMITH M#

Search request: F PA SMITH M#
Search result: 1,055 citations in the Medical database

(2) MED-> **AND XJ EAR AND HEARING**
Search request: F PA SMITH M# AND XJ EAR AND HEARING #
Search result: 1 citation in the Medical database

1. Stevens JC; Webb HD; Hutchinson J; Connell J; Smith MF; Buffin JT.
Click evoked otoacoustic emissions in neonatal screening.
Ear and Hearing, 1990 Apr, 11(2):128-33.

137

(3) MED-> **F PA NORTON**

Search request: F PA NORTON #
Search result: 483 citations in the Medical database

(4) MED-> **F PA NORTON AND MOTT JB**

Search request: F PA NORTON # AND MOTT #
Search result: 3 citations in the Medical database

AUTHOR SEARCHING (continued)

(1) MED-> **F PA SJ NORTON**

Your personal author request is being searched as:
SJ N#

Search request: F PA SJ NORTON#
(2) Search result: 0 citations in the Medical database

(3) MED-> **F PA NORTON SJ**

Search request: F PA NORTON SJ#
Search result: 12 citations in the Medical database

MED->

138

The "AND LANGUAGE" Problem

(1) 23. Nippold MA.
Concomitant speech and language disorders in stuttering children: a critique of the literature.
Journal of Speech and Hearing Disorders, 1990 Feb, 55(1):51-60.

(2) MED-> **F XT CONCOMITANT SPEECH AND LANGUAGE DISORDERS**

DISORDERS is not a recognized language name.
Please type HELP for more information.

(3) MED-> **F XT CONCOMITANT SPEECH AND LANGUAGE**

Please include a keyword (or other search term)
after each index name in your search command.
Type HELP for more information.

(4) MED-> **F TW CONCOMITANT SPEECH LANGUAGE DISORDERS**
Search request: F TW CONCOMITANT SPEECH LANGUAGE DISORDERS
Search result: 1 citation in the Medical database

1. Nippold MA.
Concomitant speech and language disorders in stuttering children: a critique of the literature.
Journal of Speech and Hearing Disorders, 1990 Feb, 55(1):51-60.

(5) MED-> **F XT CONCOMITANT SPEECH "AND" LANGUAGE DISORDERS**
Search request: F XT CONCOMITANT SPEECH "AND" LANGUAGE DISORDERS
Search result: 1 citation in the Medical database

1. Nippold MA.
Concomitant speech and language disorders in stuttering children: a critique of the literature.
Journal of Speech and Hearing Disorders, 1990 Feb, 55(1):51-60.

139

Omit Redundant Words

(1)
```
3. Hawkins DB.
     Technology and hearing aids. How does the audiologist fit in? [editorial].
     Asha, 1990 Jun-Jul, 32(6-7):42-3.
```

(2)
```
MED-> F XT TECHNOLOGY AND HEARING AIDS
Search request: F XT TECHNOLOGY AND HEARING AIDS #
Search result:  1 citation in the Medical database

1. Hawkins DB.
     Technology and hearing aids. How does the audiologist fit in? [editorial].
     Asha, 1990 Jun-Jul, 32(6-7):42-3.
```

(3)
```
MED-> F TW HEARING AIDS TECHNOLOGY

   Search request: F TW HEARING AIDS TECHNOLOGY
   Search result:  3 citations in the Medical database
```

(4)
```
MED-> F TW TECHNOLOGY AND HEARING AND AIDS

   Search request: F TW TECHNOLOGY AND HEARING AND AIDS
   Search result:  3 citations in the Medical database
```

(5)
```
MED-> F TW TECHNOLOGY AND TW HEARING AND TW AIDS

   Search request: F TW TECHNOLOGY AND TW HEARING AND TW AIDS
   Search result:  3 citations in the Medical database

MED->
```

MELVYL Current Contents

The MELVYL CURRENT CONTENTS Database

MELVYL CURRENT CONTENTS contains approximately 851,000 citations from 6500 journals indexed by the Institute for Scientific Information from July 1, 1989 - August 1, 1990. The most current 12 months will be maintained in this database.

There are 7 disciplines covered. They are:

Social & Behavioral Sciences
Engineering, Technology, & Applied Sciences
Physical, Chemical, & Earth Sciences
Agriculture, Biology, & Environmental Sciences
Arts & Humanities
Life Sciences
Clinical Medicine

A MELVYL CURRENT CONTENTS Record

4. SAYETTA RB; WEINRICH MC; COSTON GN.
INCIDENCE AND PREVALENCE OF CLEFT LIP AND PALATE - WHAT WE THINK WE KNOW.
CLEFT PALATE JOURNAL, 1989 JUL, V26 N3:242-247.

CC->

A Capability Not Found in MELVYL or MELVYL MEDLINE

(1) -> **F TW HEARING DISORDERS OR HEARING LOSS OR EAR DISEASE# AND TW THERAPY OR REHABILITATION**

Search request: F TW HEARING DISORDERS OR HEARING LOSS OR EAR DISEASE# AND TW THERAPY OR REHABILITATION
Search result: 5 citations in the CC article database

CC-> **D TI**
Search request: F TW HEARING DISORDERS OR HEARING LOSS OR EAR DISEASE# AND TW THERAPY OR REHABILITATION
Search result: 5 citations in the CC article database

1.
Title: [DEHYDRATION THERAPY FOR LOW-TONE HEARING LOSS - AN ALTERNATIVE TO RHEOLOGY]

2.
Title: THERAPY TO IMPROVE PITCH IN YOUNG ADULTS WITH PROFOUND HEARING LOSS.

3.
Title: SPEECH IN CHILDREN WITH HEARING DISORDERS - DIAGNOSTICS, TREATMENT AND REHABILITATION.

4.
Title: AUTOIMMUNE INNER EAR DISEASE - THERAPY.

5.
Title: [REHABILITATION OF PATIENTS WITH HEARING LOSS]

CURRENT CONTENTS (continued)

(1) CC-> **F TW HEARING DISORDERS OR HEARING LOSS OR EAR DISEASE# AND THERAPY OR REHABILITATION**

Search request: F TW HEARING DISORDERS OR HEARING LOSS OR EAR DISEASE# AND THERAPY OR REHABILITATION
Search result: 458 citations in the CC article database

CC-> **D TI 2,4,12**
Search request: F TW HEARING DISORDERS OR HEARING LOSS OR EAR DISEASE# AND THERAPY OR REHABILITATION
Search result: 458 citations in the CC article database

(2) 2.
Title: HUMAN RECOMBINANT ERYTHROPOIETIN - IS IT THE MISSING INGREDIENT IN THE FULL REHABILITATION OF DIALYSIS PATIENTS.

4.
Title: A GUIDEBOOK TO REHABILITATION AND HUMAN SERVICES MANAGEMENT - FINE TUNING FOR EXCELLENCE - SIMON,SE.

12.
Title: SPINAL CORD INJURY CARE SYSTEM - 15-YEAR EXPERIENCE AT THE REHABILITATION-INSTITUTE-OF-CHICAGO.

143

CURRENT CONTENTS (continued)

(1) CC-> **F TW HEARING AND DATE NEW**

Search request: F TW HEARING AND DATE NEW
Search result: 76 citations in the CC article database

CC-> D
Search request: F TW HEARING AND DATE NEW
Search result: 76 citations in the CC article database

1. CUNNINGHAM M; CUNNINGHAM K; LYDIARD RB.
EYE TICS AND SUBJECTIVE HEARING IMPAIRMENT DURING FLUOXETINE THERAPY.
AMERICAN JOURNAL OF PSYCHIATRY, 1990 JUL, V147 N7:947-948.

(2) 2. PARVING A; ELBERLING C; BALLE V; PARBO J; and others.
HEARING DISORDERS IN PATIENTS WITH INSULIN-DEPENDENT DIABETES-MELLITUS.
AUDIOLOGY, 1990 MAY-JUN, V29 N3:113-121.

hhj 3. WALD P.
HEARING NARRATIVE VOICES IN MELVILLE 'PIERRE'.
BOUNDARY TWO-A JOURNAL OF POSTMODERN LITERATURE AND CULTURE, 1990 SPRING, V17 N1:100-132.

4. WYLDE MA; CROWE TA; WALTON JH; BURNETT WJ.
HEARING DISORDERS IN A STATE PENITENTIARY.
CORRECTIVE AND SOCIAL PSYCHIATRY AND JOURNAL OF BEHAVIOR TECHNOLOGY METHODS AND THERAPY, 1989 APR, V35 N2:21-24.

CURRENT CONTENTS (continued)

(1) CC-> **F XJ EAR AND HEARING AND DATE NEW**

Search request: F XJ EAR AND HEARING # AND DATE NEW
Search result: 12 citations in the CC article database

CC-> D
Search request: F XJ EAR AND HEARING # AND DATE NEW
Search result: 12 citations in the CC article database

1. LEDER SB; SPITZER JB.
A PERCEPTUAL EVALUATION OF THE SPEECH OF ADVENTITIOUSLY DEAF ADULT MALES.
EAR AND HEARING, 1990 JUN, V11 N3:169-175.

2. MULROW CD; TULEY MR; AGUILAR C.
DISCRIMINATING AND RESPONSIVENESS ABILITIES OF 2 HEARING HANDICAP SCALES.
EAR AND HEARING, 1990 JUN, V11 N3:176-180.

3. VALENTE M; MEISTER M; SMITH P; GOEBEL J.
INTRATESTER TEST-RETEST RELIABILITY OF INSERTION GAIN MEASURES.
EAR AND HEARING, 1990 JUN, V11 N3:181-184.

4. PETERSON ME; FEENEY MP; YANTIS PA.
THE EFFECT OF AUTOMATIC GAIN CONTROL IN HEARING-IMPAIRED LISTENERS WITH DIFFERENT DYNAMIC RANGES.
EAR AND HEARING, 1990 JUN, V11 N3:185-194.

CURRENT CONTENTS (continued)

(1) CC-> **F TW CLEFT AND PT REVI**

Search request: F TW CLEFT AND PT REVI
Search result: 4 citations in the CC article database

(2) CC-> **D TI,RF**
Search request: F TW CLEFT AND PT REVI
Search result: 4 citations in the CC article database

1.
Title: APROSENCEPHALY - REVIEW OF THE LITERATURE AND REPORT OF A CASE WITH CEREBELLAR HYPOPLASIA, PIGMENTED EPITHELIAL CYST AND RATHKES CLEFT CYST.

References: 21.

2.
Title: PRENATAL SONOGRAPHIC DETECTION OF CLEFT LIP AND PALATE.

3.
Title: TONGUE FLAP REPAIR OF ORO-NASAL FISTULAE IN CLEFT PALATE PATIENTS - A REVIEW OF 20 PATIENTS.

References: 9.

4.
Title: INCIDENCE AND PREVALENCE OF CLEFT LIP AND PALATE - WHAT WE THINK WE KNOW.

(3)

References: 89.

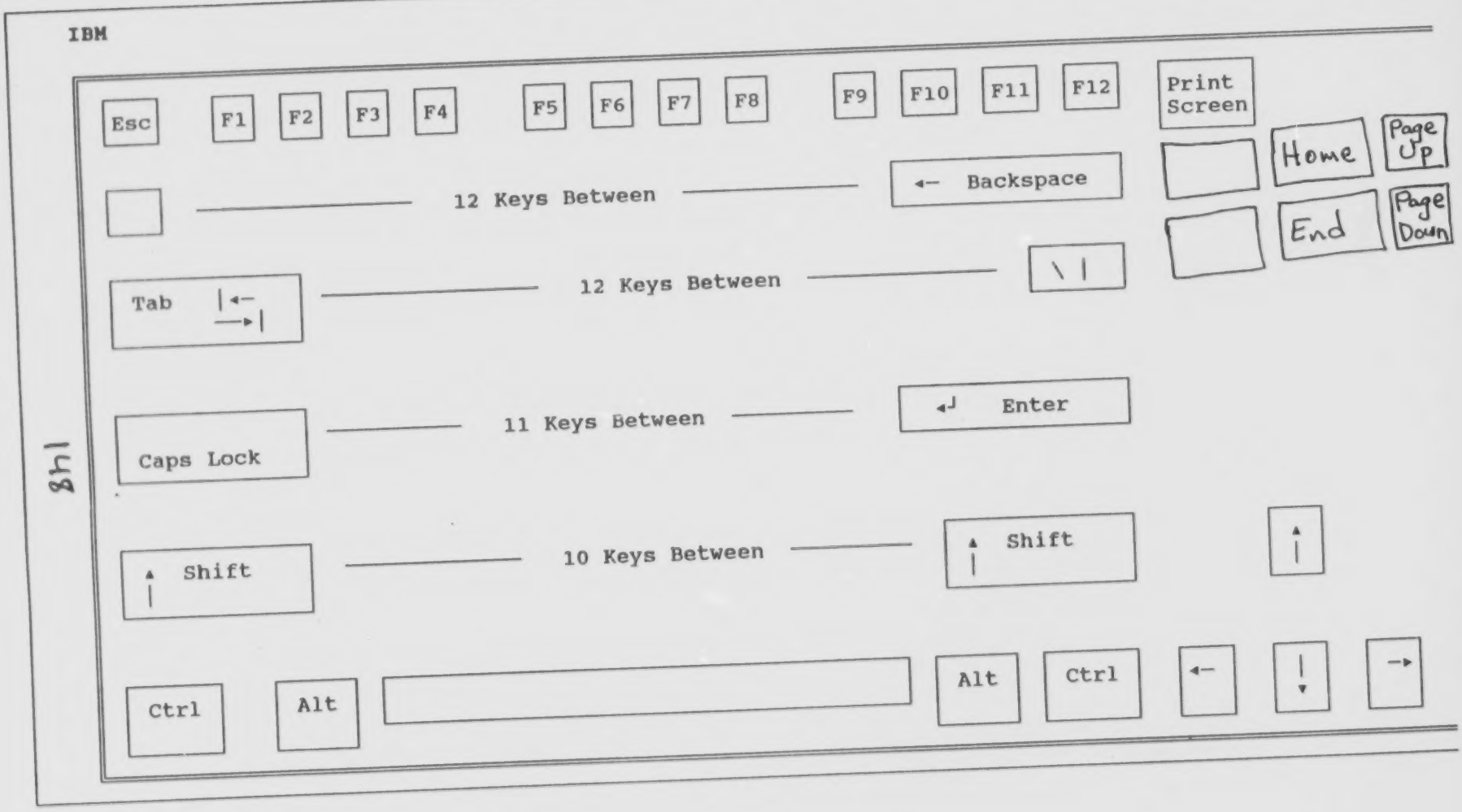
CC-> D 4
Search request: F TW CLEFT AND PT REVI
Search result: 4 citations in the CC article database

Type HELP for other display options.

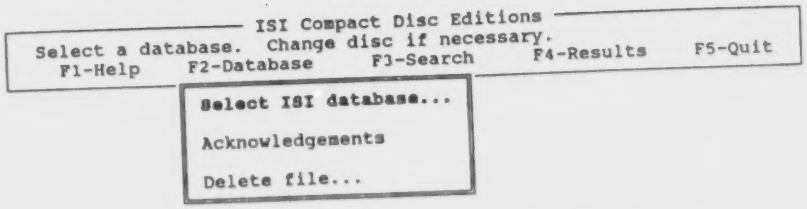
4. SAYETTA RB; WEINRICH MC; COSTON GN.
INCIDENCE AND PREVALENCE OF CLEFT LIP AND PALATE - WHAT WE THINK WE KNOW.
CLEFT PALATE JOURNAL, 1989 JUL, V26 N3:242-247.

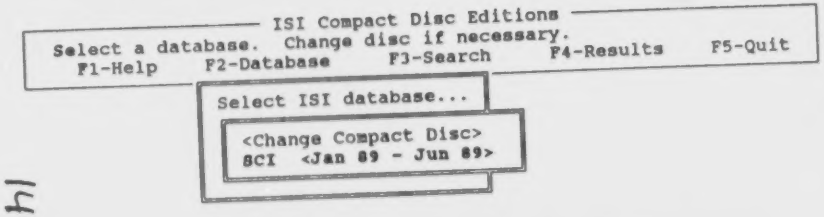
CC->

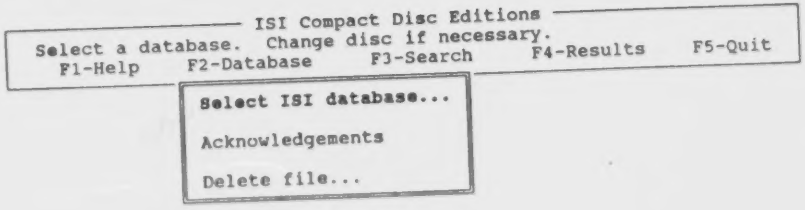
The IBM Enhance Keyboard

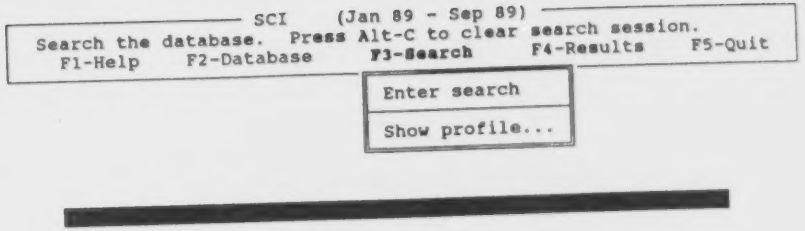


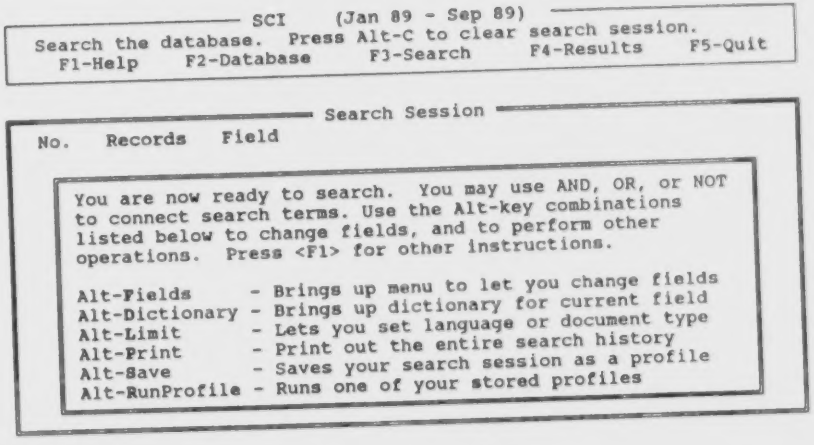
The Logon Procedure




ISI Compact Disc Editions
Select a database. Change disc if necessary.
F1-Help F2-Database F3-Search F4-Results F5-Quit
Select ISI database...
<Change Compact Disc>
SCI <Jan 89 - Jun 89>




SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit
Enter search
Show profile...


SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit
Search Session
No. Records Field
You are now ready to search. You may use AND, OR, or NOT to connect search terms. Use the Alt-key combinations listed below to change fields, and to perform other operations. Press <F1> for other instructions.
Alt-Fields - Brings up menu to let you change fields
Alt-Dictionary - Brings up dictionary for current field
Alt-Limit - Lets you set language or document type
Alt-Print - Print out the entire search history
Alt-Save - Saves your search session as a profile
Alt-RunProfile - Runs one of your stored profiles

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A Subject Search

Ready to Start our Title-Word Search

Subject: Middle Ear Diseases, including Otitis Media, of Children

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1		Title

_

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

150

Press <ENTER>.

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1		Title

MIDDLE

Recs	Search Terms
317	MIDDLE
188	EAR

Press any key to continue...

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1		Title

MIDDLE EAR_

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press <ENTER>.

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title

MIDDLE EAR

Title

_

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

199

210

Enter Terms for second set.

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title MIDDLE EAR
2		Title DISEASE* OR OTITIS MEDIA_

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

151

Press <ENTER>.

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title MIDDLE
2		Title DISEAS

Recs	Search Terms
4721	DISEASE*
108	OTITIS
847	MEDIA

Press any key to continue ...

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press <ENTER>.

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title MIDDLE EAR
2	4820	Title DISEASE* OR OTITIS MEDIA
3		Title _

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Type word(s) for last set.

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title MIDDLE EAR
2	4820	Title DISEASE* OR OTITIS MEDIA
3		Title CHILDREN_

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press <ENTER>.

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title MIDDLE
2	4820	Title DISEAS
3		Title CHILDR

Recs	Search Terms
1847	CHILDREN

Press any key to continue ...

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press ALT-F

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title MIDDLE EAR
2	4820	Title DISEASE* OR OTITI
3	1847	Title CHILDREN
4		Title

Fields

Author
Title
Journal
aDdress
Citation
Set

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

152

Press <ENTER>.

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database **F3-Search** F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title MIDDLE EAR
2	4820	Title DISEASE* OR OTITIS MEDIA
3	1847	Title CHILDREN
4		Title _

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Type S.

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database **F3-Search** F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title MIDDLE EAR
2	4820	Title DISEASE* OR OTITIS MEDIA
3	1847	Title CHILDREN
4		Set _

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Applying the AND operator to the 3 sets.

SCI (Jan 89 - Sep 89)

Search the database. Press Alt-C to clear search session.
F1-Help F2-Database **F3-Search** F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title MIDDLE EAR
2	4820	Title DISEASE* OR OTITIS MEDIA
3	1847	Title CHILDREN
4		Set 1 AND 2 AND 3_

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

153

Press <ENTER>.

SCI (Jan 89 - Sep 89)

Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title MIDDLE
2	4820	Title DISEAS
3	1847	Title CHILDR
4		Set 1 AND

Recs	Search Terms
71	1
4820	2
1847	3

Press any key to continue ...

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press <ENTER>.

SCI (Jan 89 - Sep 89)

Search the database. Press Alt-C to clear search session.
F1-Help F2-Database **F3-Search** F4-Results F5-Quit

Search Session

No.	Records	Field
1	71	Title MIDDLE EAR
2	4820	Title DISEASE* OR OTITIS MEDIA
3	1847	Title CHILDREN
4	4	Set 1 AND 2 AND 3

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press F4.

SCI (Jan 89 - Sep 89)

Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search **F4-Results** F5-Quit

Search Session

No.	Records	Field
2	4820	Title DISEASE* OR OTITIS MED
3	1847	Title CHILDREN
4	4	Title 1 AND 2 AND 3
5		Set _

Show full Records
Show Titles only

Show Collec. records
Show Collec. titles

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Type T.

SCI (Jan 89 - Sep 89)

Show results in title-only format.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Records: 1 of 4 (Set 4)

Effect of Naproxen, a Prostaglandin Inhibitor, on Acute Otitis-Media and Persistence of Middle-Ear Effusion in Children

Screening for Middle-Ear Disease in Schools for Hearing-Impaired Children

Lack of Efficacy of Middle-Ear Inflation - Treatment of Otitis-Media with Effusion in Children

The Relationship Between Persistent Bacterial-Antigens and Neutrophil Granule Proteins in Middle-Ear Effusions of Children with Chronic Serous Otitis-Media

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

154

207

SCI (Jan 89 - Sep 89)

****

Record 1 of 4.

Varsano-IB Volovitz-BM Grossman-JE

Effect of Naproxen, a Prostaglandin Inhibitor, on Acute Otitis-Media and Persistence of Middle-Ear Effusion in Children (English) => Article

ANNALS OF OTOLOGY RHINOLOGY AND LARYNGOLOGY
Vol 98 Iss 5 pp 389-392 1989 (U5976)

Related Records: 12 References: 22

****

Record 2 of 4.

Meyer-S Grimbeek-RJ Hugo-R Louw-B

Screening for Middle-Ear Disease in Schools for Hearing-Impaired Children (English) => Article

INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY
Vol 17 Iss 2 pp 163-170 1989 (AA059)

Related Records: 1 References: 15

****

Record 3 of 4.

Chan-KH Bluestone-CD

Lack of Efficacy of Middle-Ear Inflation - Treatment of Otitis-Media with Effusion in Children (English) => Article

OTOLARYNGOLOGY-HEAD AND NECK SURGERY
Vol 100 Iss 4 pp 317-323 1989 (U3361)

Related Records: 8 References: 21

****

Record 4 of 4.

Miller-MB Koltai-PJ Hetherington-SV

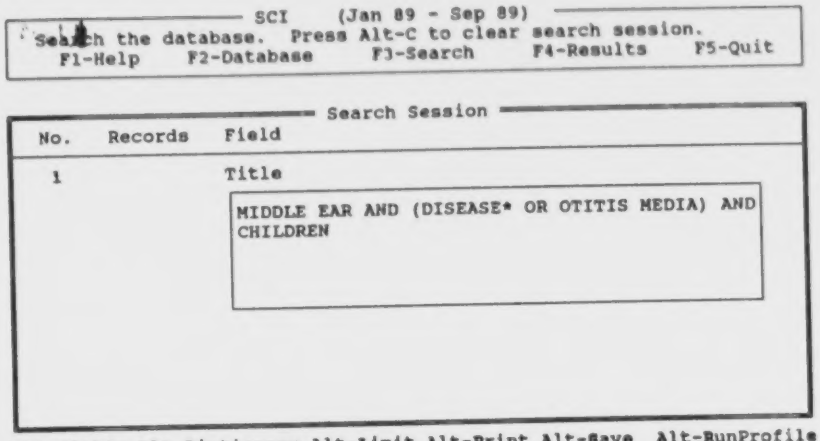
The Relationship Between Persistent Bacterial-Antigens and Neutrophil Granule Proteins in Middle-Ear Effusions of Children with Chronic Serous Otitis-Media (English) => Meeting-Abstract

208

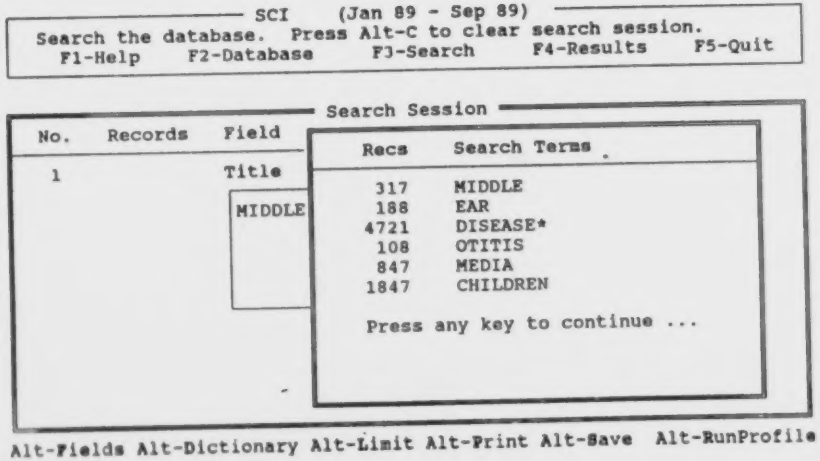
CLINICAL RESEARCH
Vol 37 Iss 2 pp A435-A435 1989 (U0044)

Related Records: 0 References: 0

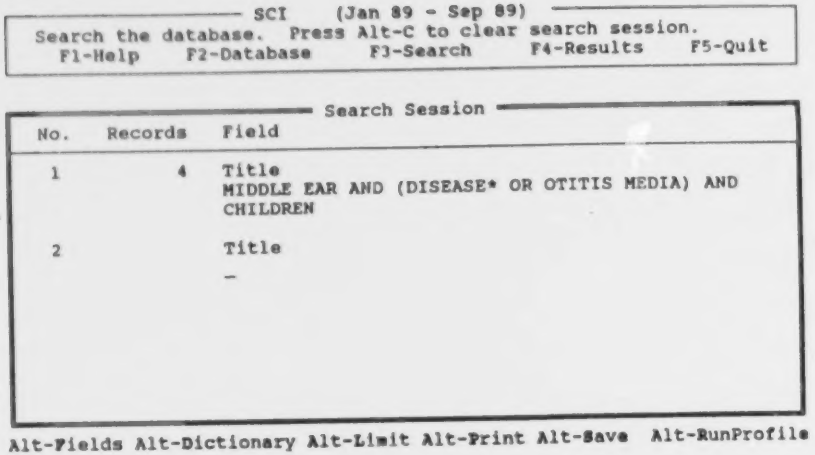
Doing the Same Search, but in One Search Statement


SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit
Search Session
No. Records Field
1 Title
MIDDLE EAR AND (DISEASE* OR OTITIS MEDIA) AND CHILDREN
Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press <ENTER>.



Press <ENTER>.


SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit
Search Session
No. Records Field
1 4 Title
MIDDLE EAR AND (DISEASE* OR OTITIS MEDIA) AND CHILDREN
2 Title
Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

A Citation Search

A Citation Search Using the Science Citation Index on CD-ROM

You have read an article and would like to locate some articles which have cited it. But now you will be using the CD-ROM (Compact Disc-Read Only Memory) version of the Science Citation Index instead of the printed version. The information for the article is as follows:

Ohta, RJ; Carlin MF; Harmon BM.
"Auditory acuity and performance on the mental status questionnaire in the elderly," Journal of the American Geriatrics Society, v.29, no.10 (1981), 476-478.

There are 3 ways to retrieve citing references. The procedures described below are the easiest and very accurate.

1. Starting with the empty box labeled "citation", type part of the entry for the cited record: Last name-initials-publication year.
2. Press ALT-D. An alphabetical author list appears with brief information about the cited author's publications.
3. Use the Up- and Down-arrow keys to highlight the entry that matches the one for which you would like to find citing references. Then press <ENTER>.
4. Press <ENTER> again if the displayed entry you selected looks accurate.
5. Press <ENTER> again when prompted with the message "Press any key to continue..." The records which have cited your article are now avilable for display.

151

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1		Title

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press ALT-F.

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1		Title

Fields
Author
Title
Journal
aDdress
Citation
Set

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press C.

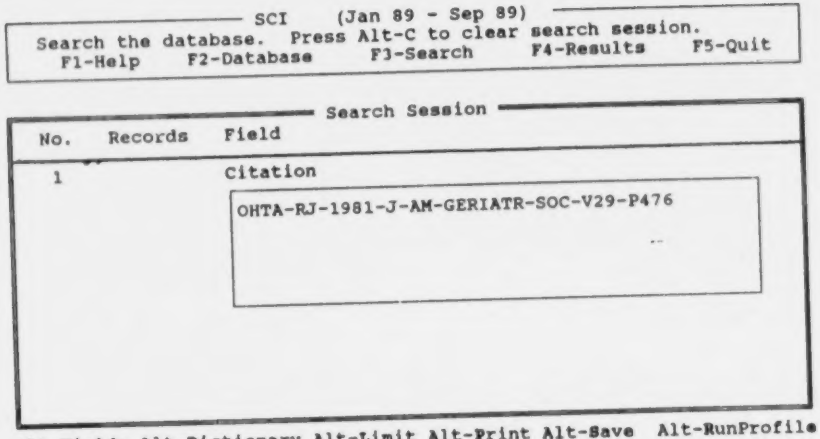
SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

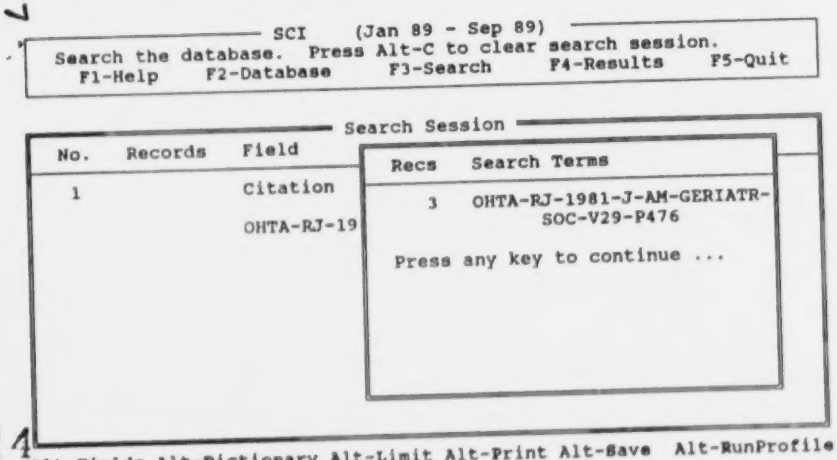
No.	Records	Field
1		Citation

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Typing the Entire Entry, but Taking Chances.

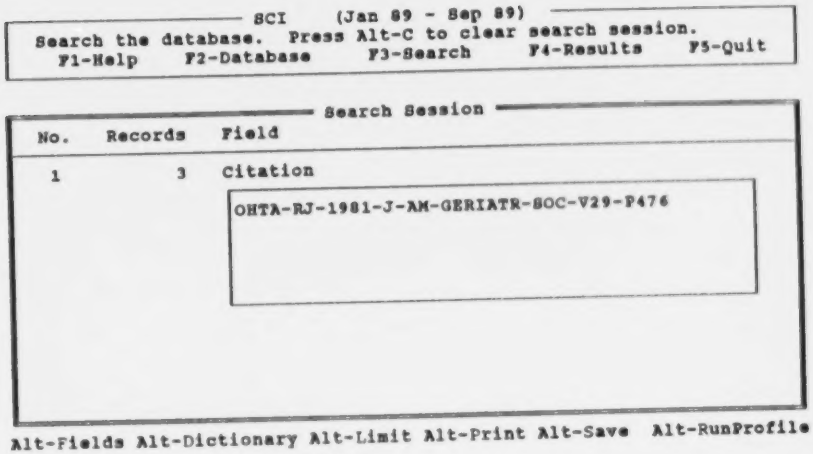

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit
Search Session
No. Records Field
1 Citation
OHTA-RJ-1981-J-AM-GERIATR-SOC-V29-P476
Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

157


SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit
Search Session
No. Records Field
1 Citation
OHTA-RJ-19
Recs Search Terms
3 OHTA-RJ-1981-J-AM-GERIATR-SOC-V29-P476
Press any key to continue ...
Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

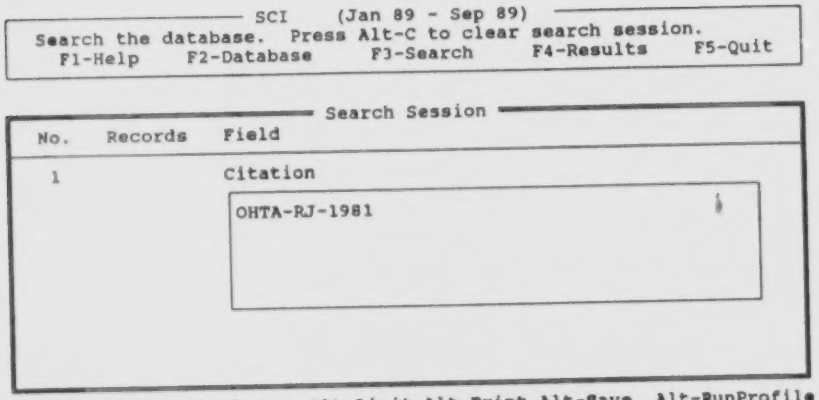
214

Three citing Records have been retrieved. They can then be displayed.

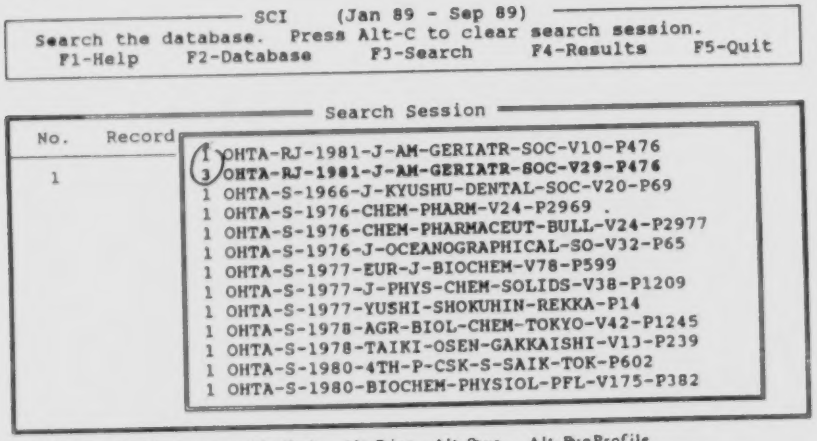

SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit
Search Session
No. Records Field
1 3 Citation
OHTA-RJ-1981-J-AM-GERIATR-SOC-V29-P476
Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

215

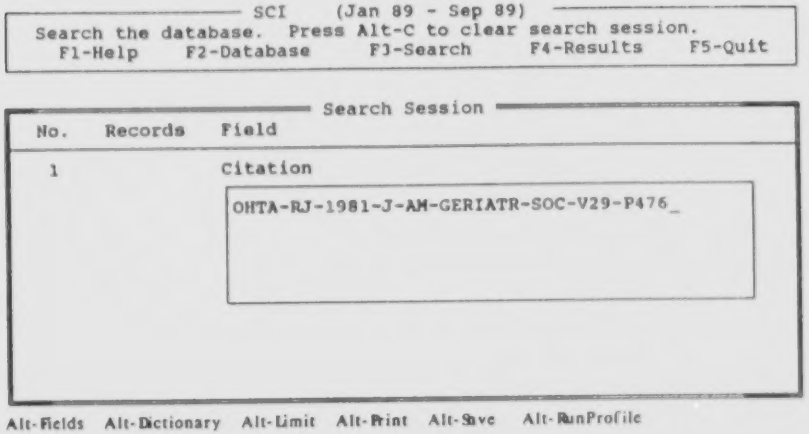
Type the beginning of the cited author's entry.


SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit
Search Session
No. Records Field
1 Citation
OHTA-RJ-1981
Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

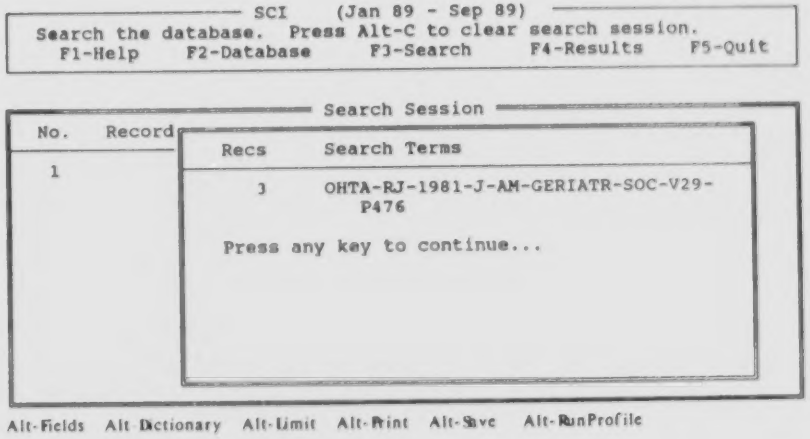
Press ALT-D.



Highlight selected citation and press <ENTER>.


SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit
Search Session
No. Records Field
1 Citation
OHTA-RJ-1981-J-AM-GERIATR-SOC-V29-P476_
Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press <ENTER>.


SCI (Jan 89 - Sep 89)
Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit
Search Session
No. Record
1
Recs Search Terms
3 OHTA-RJ-1981-J-AM-GERIATR-SOC-V29-P476
Press any key to continue...
Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press <ENTER>.

SCI (Jan 89 - Sep 89)

Search the database. Press Alt-C to clear search session.
F1-Help F2-Database F3-Search F4-Results F5-Quit

Search Session

No.	Records	Field
1	3	Citation OHTA-RJ-1981-J-AM-GERIATR-SOC-V29-P476
2		Citation

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press F4.

SCI (Jan 89 - Sep 89)

Show results in title-only format.
F1-Help F2-Database F3-Search **F4-Results** F5-Quit

Show full Records
Show Titles only
Show Collec. records
Show Collec. titles

Search Session

No.	Records	Field
1	3	Citation OHTA-RJ-1981-J-AM-GERIATR-
2		Citation

Alt-Fields Alt-Dictionary Alt-Limit Alt-Print Alt-Save Alt-RunProfile

Press R to display the full citing records .

SCI (Jan 89 - Sep 89)

****

Record 1 of 3.

Macphee-GJA Crowther-JA Mcalpine-CH

A Simple Screening-Test for Hearing Impairment in Elderly Patients (English) => Article

AGE AND AGEING
Vol 17 Iss 5 pp 347-351 1988 (R4711)

Related Records: 3 References: 10

****

Record 2 of 3.

Uhlmann-RF Rees-TS Mozlowski-KJ Larson-EB Teri-L

Impact of Mild to Moderate Hearing-Loss on Mental Status Testing - Comparability of Standard and Written Mini-Mental State Examinations (English) => Article

JOURNAL OF THE AMERICAN GERIATRICS SOCIETY
Vol 37 Iss 3 pp 223-228 1989 (T6792)

Related Records: 15 References: 32

****

Record 3 of 3.

Uhlmann-RF Rees-TS Koepsell-TD Larson-EB Duckert-LG

Relationship of Hearing Impairment to Dementia and Cognitive Dysfunction in Older Adults (English) => Article

JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
Vol 261 Iss 13 pp 1916-1919 1989 (T9023)

Related Records: 20 References: 31

GOVERNMENT PUBLICATIONS SOURCES FOR SPEECH AND HEARING TOPICS

Government Publications Department Hours
Mon - Thurs 9am-5pm; 7-10pm
Fri 9am-5pm
Sat Noon-4pm

Government publications are valuable sources of information in areas of speech and hearing studies. The majority of UCSB government documents are not housed with the rest of the library's holdings and are not listed in the main card catalog or in Melvyl. The Government Publications Department has its own card catalog which lists all of the documents held there. There are also numerous specialized indexes which provide access to specific collections of documents. These are also located conveniently in the department.

Please keep in mind:

* The majority of documents are not listed in the main card catalog or in Melvyl: you need to inquire at the G.P. reference desk for a government document. Reference staff are available and willing to help you locate information on your topic.

* The government publications collection is kept in closed stacks. Documents you would like to look at will be paged for you. There is no maximum number you may request.

* Almost all government documents in the collection may be checked out to those with a current registration or staff library card.

* The card catalog in the G.P. Department is arranged by type of government (e.g., U.S.) and then alphabetically by agency name (e.g., Forest Service). There is also a subject card catalog to <u>selected</u> documents.

* UCSB will not show up in the holdings statement for most government documents listed in Melvyl. Inquire at the G.P. reference desk for any publication you suspect to be such a document. The reference staff will be happy to assist you.

SELECTED PRINTED INDEXES TO GOVERNMENT PUBLICATIONS

These indexes are located in the reference area of the Government Publications Department.

Monthly Catalog of U.S. Government Publications. 1941-
Ref Z 1223 A18

The basic index to U.S. government publications. Access points include subject, title, and author indexes.

CIS Index to Publications of the U.S. Congress. 1970-
Ref Z 1223 Z7 C6

Covers Congressional hearings, committee prints, public laws, and House and Senate reports and documents.

American Statistics Index (ASI). 1974-
Ref HA 37 U55 A43

Gives the most comprehensive coverage of statistical information published by the U.S. government.

California State Publications. 1945-
Ref Z 1223.5 C2C15

A monthly listing of official California state agency publications received by the California State Library.

Index to International Statistics (IIS). 1983-
Ref HA 154 I522

Covers statistical information published by international intergovernmental organizations, such as the Food and Agriculture Organization, OECD, and the World Bank.

Statistical Reference Index (SRI). 1980-
Ref Z 7554 U5 S73

Selectively indexes statistical information published by state governments and private organizations. (The latter will not be found in the GP department: check the Serials List or MELVYL).

The following is a list of selected subject headings which may be useful when using the indexes in the G.P. Department while researching your paper.

Aged and aging
Aircraft noise
Deaf
Ear diseases and infections
Handicapped
Handicapped children
Hearing and hearing disorders
Health facilities and services
Noise
Occupational health and safety
Special education
Speech disorders
Vocational rehabilitation

The variety and range of documents available in speech and hearing subject areas are illustrated below with a list of just a few selected documents from each area of government collection:

U.S.:

U.S. Congress. Senate. Committee on Appropriations. Departments of Labor, Health and Human Services, Education, and Related Agencies Appropriations for FY 1986. Hearings. Part 3. "Essentials of an Acceptable Educational Program for Speech-Language Pathologists and/or Audiologists," pp. 234-241.

U.S. Office of Technology Assessment. Technology and aging in America. 1985.

States:

California. Legislature. Senate. Committee on Health and Human Services. Hearings. 1986. The hearing impaired and the deaf: integrated or segregated programs and services.

California. Legislature. Senate. Committee on Local Government. Hearings. 1984. Telecommunication equipment and the disabled community.

Tennessee. Dept. of Education. Annual statistical report, 1986/87. (Includes statistics on the number of handicapped children receiving special education services.)

Local: Santa Barbara, California. Municipal Airport. FAR Part 150 airport noise compatibility study. 1986

Foreign: Canada. Dept. of National Health and Welfare. Children with special needs in day care: a guide to integration. 1978

Interntl.: Organisation for Economic Co-operation and Development. Fighting noise, strengthening noise abatement policies. 1986.

Speech and Hearing
Researching using CD-ROM technology
1990

Information is stored on CD-ROMs (Compact Disc-Read Only Memory) for easy, quick searching of up to 250,000 "pages" of information per disc. Most CD-ROMs duplicate the printed indexes.

UCSB has the following CD-ROMS:

Arts Library	Art Index 1984-1989+
Government Publications	GPO Monthly Catalog 1976-1989+ Statistical Masterfile 1988-1989+
Reference Department	ERIC:DIALOG (education) 1966-1989+ Dissertation Abstracts 1861-1989+ MLA (literature and linguistics) 1981-1989+ Newspaper Abstracts 1985-1989+ PsychLit (psychology) 1974-1989+ Readers Guide 1983-1989+ Social Science Index 1983-1989+
Sciences Engineering Lib	Science Citation Index 1989+ Acquatic Fisheries Abstracts 1987-1989+ CSA Life Sciences Collection 1984-1989+ COMPENDEX Plus (engineering)1985-1989+

Check out disc at the service desk (Information Services Desk in Reference area) with a reg. card, library card or driver's licence.

For topics in Speech and Hearing:

use:
- CD-ROM Readers Guide: for new, current article in popular journals.
- CD-ROM Newspaper Abstracts: for new, current research in newspapers
- CD-ROM ERIC: for articles and report literature concerning education and children (overlaps with PsycLIT)
- CD-ROM Dissertation Abstracts: for doctorial dissertations in all subject areas.
- CD-ROM PsycLIT: for scholarlly articles in psychology and related discplines.

Using PsycLIT.

First obtain the correct disc from the Information Services Desk. Check out with your registration card or driver's license.

Press the button to open the disc drawer,

Insert disc,

Press button to close the disc drawer,

Follow the instructions on the screen.

Screen 1

SilverPlatter v1.5 PsychLIT (1/83 - 3/90)

TITLE SCREEN 1 of 1

The PsychLit Database
January, 1983 - March 1990

The PsychLit Database contains summaries of the world's literature in psychology and related discplines and is compiled from material published in Psychological Abstracts and the PsycINFO Database. PsycLIT covers over 1400 journals in 29 different languages from approximately 54 countries.

To search the PsycLIT Database: type your search request. then press return

To learn about the system or one of its functions: press F1 (HELP)

FIND:

Type a search request, then press RETURN; or press F1 for HELP

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Screen 2

SilverPlatter v1.5 PsycLIT (1/83 - 3/90)

No. Records	Records
#1: yawning	53
#2: yawning in ti	33
#3: hamernik-heidi-b	2
#4: hamernik-heidi-b in au	2
#5: u	137875
#6: maryland	1593
#7: u maryland in in	1311
#8: yawns	5
#9: yawns in ab	5
#10:yawn*	57
#11:boredom	182
#12:boredom in de	49
#13:#1 or #8 or #10	57
#14:#13 and #2	2

FIND:
Type a search request, then press RETURN. To SHOW records found, press F4.

Screen 3

SHOW Fields: ALL Records: ALL

PgDn for more; F9-Previous; F1-Help: ESC-Command Mode

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Screen 4

TI: Yawning: Effects of stimulus interest.
AU: Provine,-Robert-R.; Hamernik,-Heidi-B.
IN: U Maryland Baltimore County, Catonsville
JN: Bulletin-of-the-Psychonomic-Society; 1986 Nov Vol 24(6) 437-438
CO: BPNSBY
IS: 00905054
LA: English
PY: 1986
AB: The hypothesis that Ss yawn more while observing uninteresting than while observing interesting stimuli was tested by comparing the yawns produced by 32 male and female college freshmen while they observed a 30-min rock video--a complex and interesting audiovisual stimulus--and a 30 min color-bar test pattern without an audio track, an unchanging and very uninteresting stimulus. Significantly more and longer yawns were produced during the uninteresting stimulus than during the interesting stimulus, and males had longer yawns than females. The folk belief that people yawn more during boring than interesting events was confirmed. (PsycLIT Database Copyright 1988 American Psychological Assn, all rights reserved)
KP: viewing of 30 min rock video vs color bar test pattern with no sound; quantity length of yawns; male vs female college students
DE: YAWNING-; BOREDOM-; INTERESTS-; ADULTHOOD-
CC: 2560
PO: Human
UD: 8802
AN: 75-03623
JC: 1147

SHOW Fields: ALL Records: ALL

PgDn for more; F9-Previous; F1-Help: ESC-Command Mode

Screen 5

Commands: HELP FIND INDEX SHOW CLEAR PRINT GUIDE XCHANGE
RESTART OPTIONS TRANSFER QUIT
Press a function key; or type the first letter of a command

Screen 6

PRINT Fields: CITN Records: ALL
seperate pages: (No) Yes searches: (No) Yes
TAB between settings to change: RETURN to start with first record; F1 for HELP

Screen 7

Commands: HELP FIND INDEX SHOW CLEAR PRINT GUIDE XCHANGE
RESTART OPTIONS TRANSFER QUIT
Press a function key; or type the first letter of a command

Screen returns to main menu. Press button, remove disc, press button to close drawer. Return disc to the Information Services Desk.

ERIC
DIALOG ON DISC
Quick Reference Card
easy menu search

Steps in searching

1. Define your information need.
   --identify key ideas (concepts) contained in your topic.
   --determine synonymous or alternate terms describing each idea.

2. Highlight BEGIN NEW SEARCH option on the Main Activity Menu and press ENTER. For an explanation of any screen or menu option, press F1 for help.

3. On the Search By Menu, highlight a search option:

   If you receive an index screen:
   --Type the term to be searched.
   --Press ENTER to select one or more terms similar in meaning, i.e., all terms selected would lead to appropriate results.
   --Use the up/down arrow keys to highlight desired entries.
   --Press F10 when done to complete your search.

   If you receive an "Enter" prompt:
   --Type one or more terms or phrases which are similar in meaning, i.e., all terms selected would lead to appropriate results.
   --Use the wildcard character (?) to search words with a common stem.
   --Separate terms or phrases with commas, e.g., DATAPROCESSING,COMP?
   --Press ENTER to search specified terms.

4. To refine your search, select the MODIFY CURRENT SEARCH option on the Main Activity Menu and press ENTER. Then choose one of the options from the Modify Existing Search Menu.

   --LIMIT with ADDITIONAL CONCEPTS or TERMS to restrict the scope of the search. (AND logic)
   --INCLUDE ALTERNATIVE TERMS or SYNONYMS to increase search results (OR logic)
   --EXCLUDE UNWANTED TERMS that lead to inappropraite search results (NOT logic)
   --DELETE SEARCH STEPS to backup to an earlier step to revise the search

5. To view search results, select the DISPLAY option on the Main Activity Menu. Choose what portions of records to view from the Display Format Options Menu.

6. To print your search results, press F8. Choose a print option and press ENTER to print records in the format specified.

PsycLit on SilverPlatter
QUICK REFERENCE GUIDE

Summaries of the world's journal literature in psychology and related fields since 1974.

Disc 1: 1974-1982
Disc 2: 1983-present

Search Examples	Field Names	Sample Record
yawning in ti	Title	TI:Yawning:Effects of stimulus interest.
hamernik-heidi-b in au	Author	AU:Provine-Robert-R;Hamernik-Heidi-B.
u maryland in in	Institution	IN:U Maryland Baltimore Co,Catonsville
bulletin-of-the-psychonomic-society in jn	Journal	JN:Bulletin-of-the-Psychonomic-Soc; 1986 Nov
bpnsby in co	Coden	Co:BPNSBY
00905054 in is	ISSN	IS:00905054
english in la	Language	LA:English
1986 in py or py=1984-1986	Publication Year	PY:1986
yawns in ab	Abstract	AB:The hypothesis that Ss yawn more while observing uninteresting than while observing interesting stimuli by comparing the yawns produced by 32 male and female college freshmen while they observed a 30-min rock video-a complex and interesting audiovisual stimulus, a 30-min color-bar test pattern without a audio track, an unchanging and very...
rock video in kp	Key Phrase	KP:viewing of 30min rock video vs color bar test pattern with no sound; quality & length of yawns; males vs females col st.
yawning in de	Descriptors	DE:YAWNING; BOREDOM; INTERESTS; ADULTHOOD
2560 in cc	Classification code	CC:2560
human in po or animal in po	Population	PO:Human
8802 in ud	Update	UD:8802
75-03623 in an	Accession No.	AN:75-03623

FIND (F2)

To look for:

A word	FIND:pcp
A phrase	FIND:empty nest
A descriptor	FIND:drug-abuse in de
A search statement	FIND:#2
A word root	FIND:yawn*

Special Classification Codes:
Four special codes for quick access to large segments of PsycLit:

Disorders	Find:32 in cc
Treatment	Find:33 in cc
Ed.Psych.	Find:35 in cc
Applied Psyc.	Find:36 in cc

To combine concepts:

Use AND to narrow search. Includes both terms FIND:creativity and children

Use OR to broaden search. Includes either term FIND:wellness or health

Use NOT to narrow search. Excludes term FIND:anorexia not bulimia

Use WITH to narrow search within the same field
FIND:creativity with children

Use NEAR to narrow search to number of words in proximity.
FIND:creativity near2 children

168

PsycLit on SilverPlatter
QUICK REFERENCE GUIDE

Check out the PsycLIT disc at the UCSB Library Information/ILL Desk. You need your library card.

HELP	Press F1 at any time for HELP.
PsycLit CONTENT	Press F3 for a list of fields
SELECTING TERMS	Consult the Thesaurus of Psychological Index Terms or Press F5 for the ondisc INDEX. Type in the word or word root and press RETURN. To scroll, press PgDN or PgUP. To select an entry, position the cursor with arrow key and press RETURN. Press F2 to search selected terms.
SHOWING RECORDS	Press F4. The system will show all records. To change settings for fields, type over ALL. Ex: FIELDS:TI,DE To see selected records, press TAB key & type over ALL. Ex: RECORDS:1,4-12,17
PRINTING RECORDS	Press F6. The system will print the citation (not the abstract) for all records. CITN=ti,au,in,jn, and an fields. Ex: FIELDS:CITN,AB To print selected records, press TAB key & type over ALL. Ex: RECORDS:1-10
TRANSFERRING RECORDS TO DISK	Press ESC key and T. The system tranfers all records.
EXCHANGING DISCS	Press F8 key.
RESTARTING	Press F7 key.

4/4/89

MELVYL
The University of California Online Card Catalog
A Graphic Introduction to its Searching Possibilities

One advantage computer search systems like MELVYL have over printed indexes is the number of approaches to the records. Printed indexes such as Index Medicus and Psychological Abstracts have approaches by subject heading and author.

Computer systems generally offer many more. MELVYL retrieves records not only by subject heading and author but also by words in titles, subject words, corporate author, and series. MELVYL is also able to limit the retrieved records by language, by owning library, and to a certain extent, by publication date.

No printed indexes can offer this extent of search and limiting capabilities. But there are many precautions to be aware of when searching by computer. A number of the more important ones will be discussed in class.

The diagram on the next page illustrates a number of the search possibilities in MELVYL in a general way.

What MELVYL Does

1. Retrieves book and non-book records held by the libraries of the 9 University of California campuses and the California State Library.

2. Retrieves records for periodicals held by the libraries of the 9 UC campuses, Stanford University, the California State University libraries, and the University of Southern California.

HELP!

Type **EXPLAIN** (or **E**) followed by a MELVYL-related term. MELVYL will display information about the term you enter.

A Sample Record

Below is a sample book record. The various parts of the record are labeled with the appropriate two-letter indexes. At least one index is required for each search statement. See pages 3 and 4 for more information on how to use indexes.

PA (Personal Author):	Bergman, Moe.
TW or **XT** (Title):	Aging and the perception of speech. Baltimore, University Park Press, 1980.
SE (Series):	Series title: Perspectives in audiology series.
SU or **XS** (Subject):	Presbycusis. Speech perception. Aging. Speech Perception -- in old age.

Call Numbers (No indexes yet)

UCD	HealthSci	WL705 B47 1980
UCI	MedCtr	WV 272 B499a 1980
UCLA	Biomed	WV 272 B499a 1980
UCSB	Library	RF291.5.A35 B47
UCSF	General	RF291.5.A35 B47 1980

Additional indexes are discussed later: CA and XC (Corporate author).

Searching for Books

1. **COMMAND MODE:** Type **STA COM** (which means STArt COMmand mode). The **STA COM** command tells MELVYL that you know the commands. It will not provide any menus in Command Mode.

   MELVYL then displays a prompt (->) that tells you it is your turn to enter a command.

2. **RETRIEVING RECORDS:** The **FIND** Command.
   The **FIND** (or **F**) command, used with the correct index (explained on pages 3 and 4) retrieves records for books and periodicals along with call numbers for the owning libraries.

   The general structure of the FIND command is:

   -> FIND [index] [search terms] <RETURN>

   For example:

   -> **F TW STUTTERING CHILDREN**

   will retrieve any book records whose titles contain the words STUTTERING and CHILDREN, in any order and with any number of intervening words. Sample book titles could include:

   Stuttering problems of children.
   Therapy procedures for children with stuttering problems.
   Stuttering children and their lives.

From: Grafton, Carol B. Children: A pictorial archive from nineteenth century sources. New York, Dover, 1978.

Indexes

One index, and only one, is required immediately after the **FIND** command. The index requires that MELVYL retrieves only those records which contain your search terms in a certain part of each record, for example, the title, subject headings, etc.

There are two kinds of indexes:

1. **Keyword Indexes**. The 5 indexes below do not require your search terms to be typed in an exact order. Words in these indexes are retrieved in any order.

PA	Personal Author.
CA	Corporate Author.
TW	Title Word.
SE	Series.
SU	Subject Heading.

For example:

-> F TW SPEECH DISORDERS

will retrieve the same records and the same number of records as:

-> F TW DISORDERS SPEECH

2. **Exact Indexes**. MELVYL searches for records containing your search terms at the beginning of a field and in the exact order you entered them at the keyboard.

Terms for these indexes are typed first word first, second word second, etc. Type just enough words to create a unique entry that won't retrieve too many records at once -- usually 3 or 4 words are enough.

XT	Exact Title.
XC	Exact corporate author.
XS	Exact subject.

For example:

-> F TW SPEECH DISORDERS

will retrieve more than 500 records, but

-> F XT DISORDERS SPEECH

will retrieve no records because there is no MELVYL book title that begins with the words DISORDERS SPEECH.

Searching for Book Records by Author, Title, Subject, or Series

1. Searching by Author

A. Personal Author: PA Index

Searches for personal author use the PA index followed by the author's name. The name can be inverted (last name first) or normal order (first name first). MELVYL will retrieve the same number of records. For example:

-> F PA BOONE, DANIEL R

will retrieve the same number and the same records as

-> F PA DANIEL R BOONE

B. Corporate Author: CA and XC indexes

A corporate author is a collective name for a group of people, for example: The University of California at Santa Barbara. Two indexes can be used to retrieve records by corporate author: CA and XC.

1. **CA** The CA index allows the search terms to be typed in any order. An example using the CA index to search for publications issued by the Institute for Research into Mental Retardation:

-> F CA INSTITUTE RESEARCH MENTAL RETARDATION

23 records are retrieved and include the following corporate authors, among others:

Institute for Research into Mental Retardardation

Research in Mental Retardation and Human Development Institute

2. **XC** The <u>exact</u> corporate author index requires <u>all</u> words of the corporate author to be in the correct order, first word first, etc. Only the first 3 or 4 words usually need to be typed. For example:

-> F XC INSTITUTE FOR RESEARCH INTO MENTAL

Search result: 8 records at Santa Barbara

2. Searching by Words in Titles

Records can be retrieved by telling MELVYL the title words you are interested in. The **TW** (title word) and **XT** (exact title) indexes are used for this purpose.

1. **TW** In the example below, the **TW** (title words) index retrieves any record with the title words ACOUSTICS and SPEECH in any order.

-> F TW SPEECH SCIENCE

Several retrieved titles could be:

Speech Science: Techniques in Voice Disorders.

The **Science** of **Speech** Therapy: A New Approach.

Concepts of Computer **Science**: A **Speech** Given Before the Association for Computing Machinery.

NOTE: This last title is completely useless, even though it contains our subject-oriented words.

2. **XT** The **XT** index retrieves any record containing the title words in the exact order typed at the terminal and which appear as the first words of those titles. For example:

-> F XT SPEECH SCIENCE

Several retrieved titles could be:

Speech Science: Advances in Acoustical Studies.

The **Speech Science** Primer.

Speech Science in the New Technology.

3. Searching by Subject

The SU (subject) and the XS (Exact subject) words retrieve records which contain subject headings (or subject heading words) which have been assigned to records in order to describe their subject. These subject words can be used to retrieve records.

1. **SU** The Library of Congress subject headings or parts of them, may be entered in any order. The two commands (search statements) below retrieve the same records and the same number of records:

```
-> F SU SPEECH PATHOLOGY

-> F SU PATHOLOGY SPEECH
```

Retrieved records could contain the following hypothetical subject headings:

Speech pathology
Speech Disorders -- Diagnosis and **Pathology**
Pathology of Speech

2. **XS** The XS (exact subject) index requires the subject terms to be typed in the exact order in which they occur in the Library of Congress List of Subject Headings, first word first, etc. For example:

```
-> F XS SPEECH PATHOLOGY
```

Retrieved records could contain the following subject headings:

Speech Pathology
Speech Pathology -- Bibliographies
Speech Pathology -- Case Studies

The above command retrieved any records containing the subject heading SPEECH PATHOLOGY automatically followed by any additional subject words.

This feature is known as "auto-truncation."

4. **Searching by Series Name**

Publishers often assign certain newly-published books to a group of books which are on the same or similar subject. This is called a series. Searchers then have another way to retrieve book records related to a broad topic.

For example, if we want to retrieve all book records which are published by University Park Press in Baltimore, in their series called Perspectives in Audiology Series, we could use the SE (series) index and type:

-> **F SE PERSPECTIVES AUDIOLOGY SERIES**

Each of the retrieved records represents books published within that publisher's series as well as within any series name containing those same words.

From: Grafton, Carol B. Children: A pictorial archive from nineteenth century sources. New York, Dover, 1978.

The BACKUP Command

The BACKUP (or BACK) command deletes the most current add-on command. The original FIND command is then executed and another add-on statement can be run. The BACKUP command is especially useful for longer search statements because you do not have to retype them. Simply type BACK, then type your next add-on command. A short example is shown below:

-> F TW LEARNING DISORDERS

Search request: F TW LEARNING DISORDERS (AND SETTING: LANGUAGE ENGLISH)
Search result: 65 records at all libraries

-> AND PA FRIEDMAN, ROBERT

Search request: F TW LEARNING DISORDERS AND PA FRIEDMAN, ROBERT (AND SETTING: LANGUAGE ENGLISH)
Search result: 1 record at all libraries

1. Friedman, Robert, 1925-
Family roots of school learning and behavior disorders, edited by Robert Friedman. Springfield, Ill., Thomas [1973].
UCSB Library LC225 .F73 1973

-> BACK

Search backed up to: F TW LEARNING DISORDERS (AND SETTING: LANGUAGE ENGLISH)

Search request: F TW LEARNING DISORDERS (AND SETTING: LANGUAGE ENGLISH)
Search result: 65 records at all libraries

-> AND PA CARTER, DARRELL

Search request: F TW LEARNING DISORDERS AND PA CARTER, DARRELL (AND SETTING: LANGUAGE ENGLISH)
Search result: 1 record at all libraries

1. Interdisciplinary approaches to learning disorders; a symposium by thirteen contributors. Darrell B. Carter, editor. [1st ed.]. Philadelphia, Chilton Book Co. [1970].
UCSB Library LC4661 .I62 1970

The SAVE Command

The **SAVE** command saves selected records -- typically those few that look useful out of many others that don't. The **D LIST** command displays the saved records from a personalized file into which your saved records have been put. Finally, the **DELETE ALL** command deletes your file. It's a good idea to do this, otherwise the next user will probably save his/her records in your file. A brief example shows how it works:

-> **F TW LEARNING DISORDERS**

Search request: F TW LEARNING DISORDERS (AND SETTING: LANGUAGE ENGLISH)
Search result: 65 records at all libraries

-> **D TI**
Search request: F TW LEARNING DISORDERS (AND SETTING: LANGUAGE ENGLISH)
Search result: 65 records at all libraries

1.
Title: Sensory integration and **learning disorders**, by A. Jean Ayres.

2.
Title: Language and **learning disorders** of the preacademic child; with curriculum guide [by] Tina E. Bangs.

3.
Title: Language and **learning disorders** of the preacademic child : with curriculum guide / Tina E. Bangs, Anne Mauzy, coauthor.

4.
Title: **Learning** and its **disorders**, edited by I. N. Berlin and S. A. Szurek.

From: Harter, Jim. Harter's picture archive for college and illustration. New York, Dover, 1978.

SAVE COMMAND (continued)

[The SAVE command saves record numbers 2 and 3 into a personalized set which you can later display.]

-> **SAVE 2-3**

FIND records 2-3 have been saved in your list as records 1-2.

Press RETURN to see the next screen.
->
Search request: F TW LEARNING DISORDERS (AND SETTING: LANGUAGE ENGLISH)
Search result: 65 records at all libraries

[Several more records are displayed and some of those are saved.]

5.
Title: Speech, language and **learning disorders**; education and therapy.

6.
Title: Orientation to language and **learning disorders**, edited by Mitchell R. Burkowsky.

Press RETURN to see next screen. Type PS to see previous screen.
-> **SAVE 5,6**

FIND records 5, 6 have been saved in your list as records 3-4.

[The SAVEd records can now be displayed. The saved list consists of only those records which we think are the most useful.]

Press RETURN to see next screen. Type PS to see previous screen.
-> **D LIST**
List request: D LIST
List size: 4 records in your list

Type HELP for other display options.

The 4 saved records display here:

[After you are finished saving and displaying your list, it's a good idea to delete it. Otherwise if the next user SAVEs, he/she might accidentally save records into your set. And when that person then uses the D LIST command, they will see your records first.]

-> **DELETE ALL**

Your list is now empty.

Truncation

MELVYL uses a truncation symbol (#) which, when typed at the end of a word, almost always retrieves more records. For example, a search on the title word AUDIOLOGY retrieves records containing that word in each title; but a title word search on AUDIOLOG# will retrieve records with AUDIOLOGY and AUDIOLOGICAL in the titles of each retrieved record. But truncation has its potential problems. The sample search below starts innocently enough.

```
-> F TW AUDIOLOGY

   Search request: F TW AUDIOLOGY
   Search result:  106 records at all libraries

-> D TI 1
Search request: F TW AUDIOLOGY
Search result:  106 records at all libraries

                    [Each of the 106 records contains the word
                    AUDIOLOGY in titles.  The first title is
                    displayed.]

1.
Title:          Administration of programs in speech-language
                  pathology and audiology / Herbert J. Oyer,
                  editor.

                    [Then AUDIOLOGY is truncation as follows:
                    AUDIOLOG#.  Note the search results:  106
                    records were retrieved with the first
                    command;  138  are  retrieved  when
                    truncating.]

-> F TW AUDIOLOG#

   Search request: F TW AUDIOLOG#
   Search result:  138 records at all libraries

                    [Titles for records 1 and 8 are displayed
                    to show the new results.]

-> D 1,8 TI
Search request: F TW AUDIOLOG#
Search result:  138 records at all libraries

1.
Title:          Administration of programs in speech-language
                  pathology and audiology / Herbert J. Oyer,
                  editor.


8.
Title:          Audiological assessment / edited by Darrell E.
                  Rose.
```

[Now we are getting into a serious problem. When not enough of a given word is typed before the truncation symbol is added, many nonrelevant records could be retrieved.]

-> **F TW AUDIO#**

LONG SEARCH: Your search consists of one or more very common words, which will retrieve over 1,000 records and take a long time to complete. Long searches slow the system down for everyone on the catalog and often do not produce useful results. Please type HELP or see a reference librarian for suggestions.

You can also: Type P to get a PARTIAL result of 200 records;
type YES to continue this long search;
type NO to cancel search;
or type a new command.

-> **P**

Retrieving partial result...
The MELVYL catalog is working on your request...

Search request: F TW AUDIO#
Partial result: 200 records at all libraries

[Several records are displayed to illustrate the problem mentioned above. Some are still useful, for example, number 7; but the other two are not useful.]

-> **D 1,3,7 TI**
Search request: F TW AUDIO#
Partial result: 200 records at all libraries

1.
Title: **Audiovisual** media for computer education; a survey of media used [by] H. J. van der Aa.

3.
Title: **Audio** in media / Stanley R. Alten ; [senior editor, Becky Hayden].

7.
Title: Speech pathology and **audiology**, manpower resources and needs : a report / prepared under contract by the American Speech and Hearing Association for the National Institute of Neurological and Communicative Disorders and Stroke.

Displaying Records

1. **DISPLAY** (or **D**). The DISPLAY command shows you the retrieved records. You can display records in several formats: Long, Review, or the default (automatic) format: Short.

   A. **REVIEW** For each retrieved record there is a 1-2 line display with author, title, and publication date but no call number. This format is useful for scanning a large number of records on the screen at one time. For example:

```
-> D REV

1.  BERGMAN, Moe.     Aging and the perception
                      of speech.  1980
2.  DYNMAN, Lee.      Hearing and the process of
                      aging.  1987.
3.  GRANT, Alice.     Middle ear disorders.
                      1976.
```

   B. **SHORT** The same information as displayed by the Review format, but call number and library location are also included.

   The SHORT format is the default, so the command is simply:

```
-> D
```

   A Sample Record:

```
1. Bergman, Moe.
   Aging and the perception of speech / by Moe
        Bergman ; [ill. by Jean Zeboulon].
        Baltimore : University Park Press,
        1980.
     Series title:  Perspectives in audiology
        series.
        UCD    HealthSci   WS705 B47 1980
        UCI    MedCtr      WV 272 B499a 1980
        UCLA   Biomed      WV 272 B499a 1980
        UCSB   Library     RF291.5.A35 B47
   UCSF   General     RF291.5.A35 B47
```

C. **LONG** Displays all the information that a record has to offer.

The command is:

-> D LON

A Sample Record:

1.
Author: Bergman, Moe.
Title: Aging and the perception of speech / by Moe Bergman; [ill. by Jean Zeboulon]. Baltimore : University Park Press, 1980.
Description: xiii, 173 p. : ill. ; 24 cm.

Series: Perspectives in audiology series.

Notes: Includes indexes.
Bibliography: p. 155-163.

Subjects: Presbycusis.
Speech perception.
Aging.
Speech Perception -- in old age.

Call numbers:

UCD	HealthSci	WL705 B47 1980
UCI	MedCtr	WV 272 B499a 1980
UCLA	Biomed	WV 272 B499a 1980
UCSB	Library	RF291.5.A35 B47 Sci-Engrg
UCSF	General	RF291.5.A35 B47 1980

You can also DISPLAY specific fields, records, formats, and record numbers. For example:

D	Displays screenful of records, short format.
D SU	Displays subject headings only.
D SU, TI	Displays subject headings and titles.
D 3	Displays record 3, short (default) format.
D SU 3	Displays subject headings for record no. 3.
D 3,5-7,10	Displays records 3, 5, 6, 7, and 10.
D 3,5-7 LON	Displays records 3, 5, 6, & 7 in Long format.
D LON 3,5-7	The same display results as above.

Boolean Operators

The 3 Boolean operators are: **AND, OR, AND NOT.** They

A. allow you to increase or decrease the number of retrieved records.
B. affect the relevancy of your retrieved records.
C. retrieve records containing (or not containing) specific combinations of words. Boolean operators are used to increase the possibility of retrieving relevant records while, at the same time, leaving non-relevant records in the database.

The operators are briefly described with a few examples:

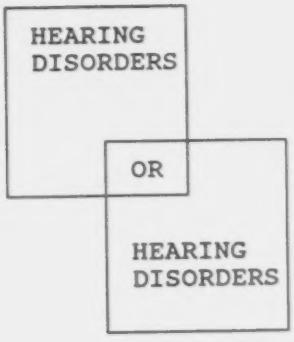
A. **AND** is used between 2 index names or between search terms and means "BOTH... AND..." The AND operator almost always decreases the number of retrieved records. An example without and with the AND operator, using the TW (title words) index:

-> F TW LANGUAGE DISORDERS AND SU THERAPY

The AND operator requires that each retrieved record must contain BOTH the title words Language Disorders (in any order) AND the subject word Therapy.

B. **OR** is used between 2 search terms and means "EITHER... OR." That is, EITHER those records containing both terms are retrieved OR those records containing only one of the terms are also retrieved.

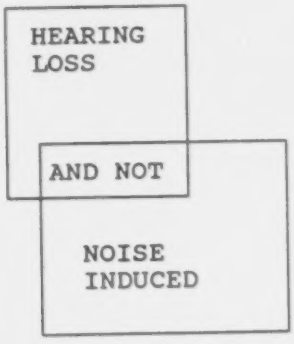
-> F SU HEARING DISORDERS OR TW HEARING DISORDERS



Quite often, searching for the same words in two or more indexes increases the number of relevant records retrieved.

C. **AND NOT** is used between 2 index names or search terms and means "...BUT NOT..." You use this operator to prevent the retrieval of unwanted records. Like the AND operator, AND NOT also decreases the number of retrieved records most of the time. For example:

-> F SU HEARING LOSS AND NOT SU NOISE INDUCED



None of the retrieved records contains the subject terms "Noise Induced."

The BROWSE and SELECT Commands

A. **BROWSE** Displays alphabetical lists showing the correct form of personal authors, series, and subject headings used in book records. Browsable indexes are:

PA	Personal Author
CA	Corporate Author
XC	Exact Corporate Author
SE	Series
SU	Subject Heading
XS	Exact Subject Heading

B. **SELECT** Retrieves records for books containing the words displayed by the BROWSE command.

Example of a BROWSE and SELECT:

-> **BRO SU SPEECH THERAPY**

Browse result: 57 subject headings found

1. Speech disorders -- Therapy
2. Speech disorders -- Therapy -- Handbooks
3. Speech therapy
4. Speech therapy -- Addresses
5. Speech therapy -- Audio-visual aids
6. Speech therapy -- Case studies
7. Speech therapy -- Collected works
8. Speech therapy -- Computer programs
9. Speech therapy -- Congresses
10. Speech therapy -- Data processing

Displays an alphabetical list of subject headings containing the words in our BROWSE statement.

Then you **SELECT** (or **SEL**) 1 or more of the numbered headings so that records containing those subject headings can be viewed on the screen. For example, if we are interested in books on subject numbers 8 and 10, enter the following command:

-> **SEL 8, 10**

After MELVYL displays the number of records retrieved using the **SELECT** command, use the **DISPLAY** (or **D**) command to view the records, call numbers and other information.

c. **DISPLAY BROWSE** (or **D BRO**) allows you to get back to the BROWSE list from where you left it, so you can view and select more headings, for example:

-> D BRO 11-

gets you back to heading number 11 in the above **BROWSE** listing which will continue its display starting with heading number 11. The "-" after the number guarantees that MELVYL will display more headings (if there are any) starting with number 11.

From: Grafton, Carol B. Children: A pictorial archive from nineteenth century sources. New York, Dover, 1978.

Limiting by Publication Date, Language, and Specific Campuses

Certain limitations can be set before you start your search or imposed after records have been retrieved. These restrictions normally do not affect the relevancy of the records.

1. **Limiting by Publication Date**. You can limit your retrieval to those records for books published during the last 3 years and the current year or the last 10 years and the current year.

   A. **AND DATE CURRENT** For books published during the last 3 years and the current year.

   Searching for all works by a given author published during the last 3 years and the current year:

   -> F PA BOONE, DANIEL R. AND DATE CURRENT

   B. **AND DATE RECENT** Retrieves records for books published during the last 10 years and the current year.

   -> F PA BOONE, DANIEL R. AND DATE RECENT

2. **Limiting by Language**. You can restrict the retrieved records to one or more languages using **AND LAN** followed by the appropriate 3-letter language codes. For example:

   -> F XS DEAF AND LAN ENG

   Retrieved book records, each containing a subject heading starting with the word DEAF, and limited to books published in English.

   For a complete list of MELVYL's language codes, enter the command:

   -> E LAN

   This stands for "Explain Language."

3. **Limiting retrieved records to a specific campus:**

Limiting to a specific campus can be done several different ways. For example, to limit the retrieved records to those publications owned by UCSB,

A. You can type SET LIB UCSB before your first search statement. This command will restrict your displays those records owned by UCSB only.

```
-> SET LIB UCSB

   Your library setting is now at Santa Barbara

-> F TW SPEECH THERAPY
     22 records at Santa Barbara
```

B. Or you can type AT UCSB at the end of a search statement. For example:

```
-> F TW SPEECH THERAPY AT UCSB
        22 records at Santa Barbara
```

C. Or you can limit to the UCSB Library using an Add-on command: (The Add-on is explained further on page 24)

```
-> F TW SPEECH THERAPY
        65 records in the MELVYL database

-> AT UCSB
        22 records at UCSB
```

From: Harter, Jim. Men: A pictorial archive from nineteenth-century sources. New York, Dover, 1980.

Searching for and Displaying PERIODICAL Records

Searching for periodical records requires the **FIND** (or **F**) command, an index, and the words for the journal title you want to locate.

1. **Searching for Periodical Records**

   A. **PE** Use the PE index when you don't know all the words for the name of the periodical or the correct word order. For example:

   -> F PE JOURNAL SPEECH HEARING

   Search request: F PE JOURNAL SPEECH HEARING
   Search result: 13 records found in the Periodicals File

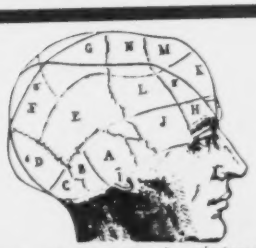
   [MELVYL is telling us that the names of 13 periodicals (not references to periodical articles) were found. Each of the names contains the words JOURNAL, SPEECH, and HEARING -- in any order.]

   B. **XP** The XP index requires that the words for the journal name you type must be in the same order as the periodical you are looking for. Only the first 3 or 4 words need to be entered.

   -> F XP JOURNAL OF SPEECH AND HEARING

   Search request: F XP JOURNAL OF SPEECH AND HEARING #
   Search result: 5 records found in the Periodicals file

   [For this result, MELVYL is telling us that the names of 5 periodicals were found. Each of the names must begin with the words: JOURNAL OF SPEECH AND HEARING.]



From: Harter, Jim. Harter's picture archive for collage and illustration. New York, Dover, 1978.

2. Displaying Retrieved Periodical Records

After MELVYL has displayed the number of records it has retrieved, you can display the names and owning libraries' call numbers. For example,

```
-> D        [The Display command creates a numbered list
             of the retrieved periodical names and the
             owning libraries.]

    1.  Journal of speech and hearing disorders.
          <UCB,UCD,UCI,UCLA,UCR,UCSB,UCSD,UCSF,CSU,SU,USC>
    2.  Journal of speech and hearing disorders.  Mono
          graph..
          <UCI,UCLA,UCSB,UCSC,CSU,SU>
    3.  Journal of Speech and Hearing Disorders.Mono-
          graph...
          <UCR,SU>
    4.  Journal of speech and hearing research.
          <UCB,UCD,UCI,UCLA,UCR,UCSB,UCSC,UCSF,CSU,SU,USC>
    5.  Journal of speech and hearing research:a publi-
          cation of the American...
          <UCSD>
```

We then scan the numbered list and, assuming we want the call number for title number 1 (Journal of speech and hearing disorders), we then enter:

```
-> D 1 SHORT

1.  Journal of speech and hearing disorders.

UCB    ED-P       RC423.A1 J6    9(1944)-
UCD    HLTH SCI   W1 JO919       1,1936-
UCD    MAIN       RC423 J68      26,1961-
UCI    BML        W1 JO916       b15(1950)..
UCLA   CLU-E/P    RC 423 A1J8    b1-39(1936-74)...
UCSB   CU-SB      R 1 J68        v.13+,1948+...
```

UCSB's call number can be easily located.

From: Harter, Jim. Harter's picture archive for collage and illustration. New York, Dover, 1978.

The Add-on Command

The Add-on command allows you to display the intermediate search results instead of typing one long search statement. The example below illustrates this command.

The search begins searching for records containing the exact subject (XS) Hearing Disorders.

-> F XS HEARING DISORDERS

Search request: F XS HEARING DISORDERS #
Search result: 362 records at all libraries

[One or more of the 362 retrieved records can then be displayed.]

-> D TI,SU 1

1.
Title: Acoustic impedance and admittance : the measurement of middle ear function / edited by Alan S. Feldman and Laura Ann Wilber.

Subjects:
Audiometry, Impedance.
Middle ear.
Ear, Middle -- Physiology.
Hearing tests.
Audiometry.
Acoustic Impedance Tests.
Ear, Middle.
Hearing disorders -- Diagnosis.
Hearing tests.

[The first of the add-on commands is entered in order to narrow the results to a more specific subject.]

-> AND XS HEARING TESTS

Search request: F XS HEARING DISORDERS # AND XS HEARING TESTS #
Search result: 36 records at all libraries

[Records from the revised set of 36 records can be displayed.]

-> **D TI,SU 1**

1.
Title: Acoustic impedance and admittance : the measurement of middle ear function / edited by Alan S. Feldman and Laura Ann Wilber.

Subjects:
Audiometry, Impedance.
Middle ear.
Ear, Middle -- Physiology.
Hearing tests.
Audiometry.
Acoustic Impedance Tests.
Ear, Middle.
Hearing disorders -- Diagnosis.
Hearing tests.

[Further add-on commands can be typed. Obviously, entering too many will eventually retrieve zero records.]

-> **AND XS AUDIOLOGY**
Search result: 8 records at all libraries

-> **D TI,SU 1**
Search request: F XS HEARING DISORDERS # AND XS HEARING TESTS # AND XS AUDIOLOG #
Search result: 8 records at all libraries

1.
Title: Audiological assessment. Edited by Darrell E. Rose.

Subjects:
Audiometry.
Audiology.
Hearing tests.
Hearing.
Hearing disorders.

[As expected, each of the 8 retrieved records contains the 3 subject headings included in our first search statement and the two add-on commands.]

Subject Index

Add-on command, 20, 23
AND operator, 15
AND NOT operator, 16
Author searching, 4

Backup command, 8
Book records, 1
Boolean operators, 15
Browse command, 17

CA index, 4
Campus limiting, 20
Command mode, 2
Commands
  Backup, 8
  Browse, 17
  Delete All, 10
  Display, 13, 22
  Display Browse, 18
  Display List, 10
  Explain, 1
  Find, 2
  Save, 9
  Select, 17
  Set Lib, 20
  Sta Com, 2
Corporate author searching, 4

Date Current, 19
Date limiting, 19
Date Recent, 19
Delete All command, 10
Display command, 13, 22
Display Browse command, 18
Formats
  Long, 14
  Review, 13
  Short, 13
Display List, 10

Exact corporate author searching, 4
Exact indexes, 3
  Book titles, 5
  Corporate author, 4
  Periodical titles, 21
  Subject headings, 6
Exact subject searching, 6
Exact Title Searching, 5
Explain command, 1

Find command, 2

Help, 1

Indexes, 3
  CA, 4
  PA, 4
  PE, 21
  SE, 7
  SU, 6
  TW, 5
  XC, 4
  XP, 21
  XS, 6
  XT, 5

Keyword indexes, 3

Language limiting, 19
Limiting, 19
Long format, 14

OR operator, 16

PA index, 4
PE index, 21
Periodical name searching, 21
Personal author, 4
Publication date limiting, 19

Review format, 13

Save command, 9
SE index, 7
Select command, 17
Series name searching, 7
Set Lib command, 20
Short format, 13, 22
Sta Com command, 2
SU index, 6
Subject searching, 6

Title word searching, 5
Truncation, 11
TW index, 5

XC index, 4
XP index, 21
XS index, 6
XT index, 5

MELVYL MEDLINE -- An Introduction

MELVYL MEDLINE contains citations and abstracts for articles in medical and life sciences journals indexed by the National Library of Medicine. The database includes the current calender year plus the 4 previous years and contains more than 1.2 million citations from 4300 periodicals. About 75% of its contents is in English.

Many of the MELVYL MEDLINE records contain abstracts. Abstracts are descriptions of the articles' contents. They can help determine the usefulness of a given citation.

MELVYL MEDLINE is available at the UC campus libraries and via dial-up access using microcomputers in an individual's office or home. If you are affiliated with UCSB, you can come into the Sciences-Engineering Library and sign up for your own password. Make sure you bring your reg. card.

Two Sample MELVYL MEDLINE Records

The end result of virtually all library computer searches is a collection of bibliographic records, each of which provide information to locate publications on subjects of your choice. Records include, among other things, brief information about the publications; for example: author's, titles of books and/or periodical articles, names of periodicals, publication dates, etc. The record below is typical of those found in MELVYL MEDLINE.

Shriberg LD; Kwiatkowski J; Snyder T.
Tabletop versus microcomputer-assisted speech management: stabilization phase.
Journal of Speech and Hearing Disorders, 1989 May, 54(2):233-48.

The record below is also from MELVYL MEDLINE but displays the greatest amount of information possible. A number of other format options are available.

Author: Lincoln AJ; Courchesne E; Kilman BA; Elmasian R
Title: A study of intellectual abilities in high-functioning people with autism.
Journal: Journal of Autism and Development Disorders, 1988 Dec, 18(4):505-24.
Subject: Adolescence.
Adult.
*Autism, Infantile -- psychology.
Child.
Child Behavior Disorders -- psychology.
Comparative Study.
Human.
*Intelligence.
Language Development Disorders -- psychology.
Support, Non-U.S. Gov't.
Support, U.S. Gov't, P.H.S.
Verbal Behavior.
Wechsler Scales.
Abstract: This research extends previous research regarding the intellectual functioning of autistic individuals on standardized measures of intelligence (Wechsler Adult Intelligence Scale-Revised and the Wechsler Intelligence Scale for Children-Revised). In Study I 33 individuals with autism who closely fit the DSM-III criteria were studied. Clear evidence was found that differentiates these individuals' verbal intellectual processes from their visual-motor intellectual abilities. Principal components analysis was used to examine the interrelationship among the various intellectual abilities which such tests of intelligence measure. In Study II the intellectual abilities of a group of autistic 8- to 12-year-olds were compared to age-matched groups of children...

Melvyl Medline Basics

A. Changing from MELVYL to MELVYL MEDLINE and Back to MELVYL

1. **START MED** (or **STA MED**) Gets you into MELVYL MEDLINE

2. **START CAT** (or **STA CAT**) Gets you into MELVYL

It's a good idea to type one of these commands when you start to use the terminals to make sure you're using the correct system.

B. The Arrow Prompt and ENTER Key

The arrow prompt (->) waits for you to type a command. Pressing the <ENTER> key sends your command to the computer at Berkeley. It retrieves records containing the words and phrases in your search statement. Within a few seconds the system displays the number of retrieved records.

The records can be displayed in various formats and your search can be limited to certain languages and dates.

C. The Truncation Symbol (#)

The pound sign is the truncation symbol. When this symbol is typed immediately following a given word portion, the system retrieves all records containing spelling variations of the word-root that you typed in your search statement. Truncation retrieves more records than non-truncated words. For example:

-> F TW STUTTER

retrieves at least 7 records, each one containing the word STUTTER in titles.

-> F TW STUTTER#

retrieves at least 138 records. The system could retrieve records containing such spellings as STUTTER, STUTTERERS, STUTTERING, STUTTERER, etc.

D. **Getting Help (EXPLAIN)**

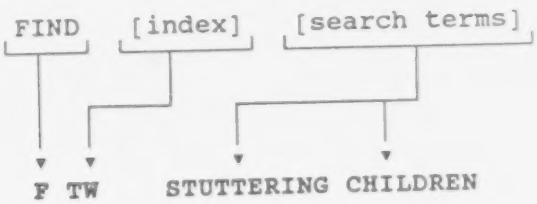
Typing EXPLAIN (or E) followed by a command name or feature will display an explanation of that command or feature. For example:

-> **E FIND**

will display an explanation of the FIND command.

E. **COMMANDS:** The 4 most-used commands are **FIND, BROWSE, SELECT,** and **DISPLAY.** These commands can be abbreviated to: **F, BRO, SEL,** and **D.**

1. **FIND (or F):** The FIND command in MELVYL MEDLINE finds records for periodical articles. The general structure of the command is:



In the example above the FIND command retrieves those journal article records, each of which contains the title words STUTTERING and CHILDREN in any order and with any number of intervening words. This is typical of the TW index. Sample titles could include:

Stuttering problems of **children.**
Therapy procedures for **children** with stuttering problems.
Stuttering children and their lives.

2. **DISPLAY** (or D) displays the records you have retrieved using the FIND command. There are a number of display options. Some of them are illustrated below:

A. Display by General Formats:

LONG	-> D LON	The longest format a record has to offer.
SHORT	-> D	The default record.
REVIEW	-> D REV	The shortest record, usually title and periodical information.

B. Display One or More Fields:

-> D AU,TI	displays the author and title from each retrieved record.

C. Display Selected Records by Number:

-> D 1, 3-5, 12	displays records 1, 3 through 5 and number 12 in the default format.

D. Combinations of Display Options:

-> D 5-10 AU,TI,AB	displays records 5 through 10, but only the author, title, and abstract of each one.

3. **BROWSE** (or **BRO**): Use **BRO**wse to search for the correct form of names or subject headings. Some of the more heavily used indexes that can be BROwsed:

PA (Personal Author)	XS (Exact Subject)
CA (Corporate Author)	SE (Series)
SU (Subject Words)	

Several examples:

-> BRO PA GERBER, S

-> BRO SU DISORDERS

4. **SELECT** (or **SEL**) is used to FIND citations using the headings retrieved in a BROWSE result. BROWSE list. The selected records can then be displayed.

   -> **SEL 4** Finds citations using heading number 4 from the BROwse list.

   -> **SEL ALL** Finds all citations, each indexed with at least one of the headings from the entire BROwse list.

5. **SAVE** and **D LIST** and **DELETE ALL:** The SAVE command creates a personalized list of article citations. You can then use this list to Display the records you have saved. For example:

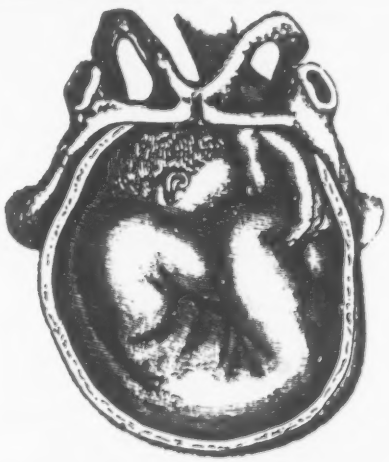
   -> **SAVE 4, 7-9, 12** Saves record numbers 4, 7 through 9, and 12.

   -> **SAVE ALL** Saves all retrieved records.

   You can keep adding records to your list, up to 200 items.

6. **E (EXPLAIN):** The **E** command displays explanations of system commands and features. For example:

   -> **E FIND** Displays a screenful of information about the FIND command.



From: Harter, Jim. Harter's picture archive for collage and illustration. New York, Dover, 1978.

Indexes

Indexes are 2- and 3-letter codes, typed directly after the FIND command, that retrieve records which contain your search terms in specific fields; for example: titles, subject heading, and authors. The examples below illustrate their use:

-> **F PA REIMER, A AND TW OTITIS MEDIA**

A. Reimer will be searched for as a Personal Author and Otitis Media will be searched for as Title Words.

-> **F XS EAR DISEASES OR TW EAR DISEASES**

Ear Diseases will be searched for as an exact subject heading and Ear Diseases will be searched for in titles.

-> **F XS EAR DISEASES AND NOT XS SPEECH DISORDERS**

Ear Diseases and Speech Disorders will be searched for as eXact Subjects.

NOTE: A second and subsequent index is always required when an exact is used first.

Below is a list of most of the indexes available in MELVYL MEDLINE each followed by a brief definition. The indexes are divided between their use as exact indexes or keyword (non-exact) indexes.

(Word order doesn't matter)
Keyword Indexes

SU	Subject heading words.
MSU	Major subject heading words.
KW	Keyword index: Searches titles, abstracts, and subject headings at the same time.
TW	Title words.
JO	Journal name words.

(Words in exact order)
Exact Indexes

XS	Exact subject heading.
MXS	Major exact subject heading.
PA	Personal author. Last name first.
XT	Exact title.
XJ	Exact journal name.

Use the exact indexes for a faster, more precise search when you know exactly how the article title, the journal name, or the subject heading starts.

Other Indexes

DATE	Date of Publication
LAN	Language

Number Indexes

TN	Tree Number
MTN	Major Tree Number

For more information on individual indexes, type **E** followed by the index name. For example: **E XS** will display a screenful of information about the exact subject index.

From: Grafton, Carol B. Children: A pictorial archive from nineteenth century sources. New York, Dover, 1978.

ADD-ON COMMANDS

One way to enter a search statement containing a Boolean operator is to type it in one long statement. Another way to enter such statements is to do them as "Add-on" searches, that is, as searches on a separate line. An Add-on search statement always begins with a Boolean operator, followed by an index name, followed by one or more search terms. For example:

```
-> F PA REIMER, A
-> AND TW OTITIS MEDIA

-> F XS EAR DISEASES
-> OR TW EAR DISEASES

-> F XS EAR DISEASES
-> AND NOT XS SPEECH DISORDERS
```

Add-on commands can be useful. The BACKup command deletes the results from the most current search statement (the latest add-on command), then automatically executes the first of the two statements again. A new add-on command can be typed to retrieve different results. This procedure saves time because you won't have to retype your first statement. For example:

```
->  F XS EAR DISEASES
        595 citations in the Medical database

->  AND XS HEARING DISORDERS
        31 citations in the Medical database

            (You then display these records and copy
            any necessary information.  Then enter the
            BACKup command)

->  BAC

        Search backed up to:  F XS EAR DISEASES
        Search Result:  595 citations in the Medical
            database

            (Then you type the new add-on command)

->  AND XS EARACHE
        6 citations in the Medical database

            (Now you have a new search result to dis-
            play)
```

Displaying Search Results

Use the **DISPLAY** command to view your search results on the screen using various format options. A number of DISPLAY examples are given below:

This Command	will display
DISPLAY	the basic (default) record: authors, title, journal name, volume, date, pagination.
D	same as above.
D SHORT AB	authors, title, journal citation, & abstract.
D LONG AB	Same as above, but includes subject headings and abstract.
D REVIEW	title, journal citation in a compacted display.
D LONG	authors, title, journal citation, subject headings.
D CON	all records continuously. Press the BREAK key to stop the scrolling.
D 3,6,10	references 3, 6, and 10 in short (default) format.
D 25-	all records starting with number 25.
D TI, JO	only the title and journal name.
D BY 10	every 10th record.
D TI,JO 2,4-6	the title & journal name for record numbers 2, and 4 through 6.
D REF	The number of references (citations) in an author's bibliography.
D AD	The address (institutional affiliation) of the author while working on the article.

Sometimes when you try to display a certain field, you will see the following message: "Requested fields do not exist in this record" means that the information is not available.

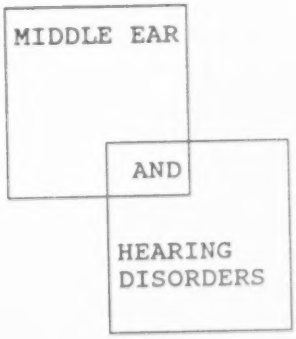
BOOLEAN OPERATORS

Three Boolean operators are used in MELVYL and MELVYL MEDLINE and, in fact, are used in all computers. They are **AND**, **OR**, and **AND NOT**. They make sure that certain words are or are not contained in each of your records. The 3 operators are discussed below.

A. The **AND** Operator

The AND operator makes sure that the only records retrieved are those, each of which contains all the terms on both sides of the AND operator. We want both sets of terms to be present in records because each set represents part of our search topic or interest. For example:

-> F XS MIDDLE EAR AND XS HEARING DISORDERS



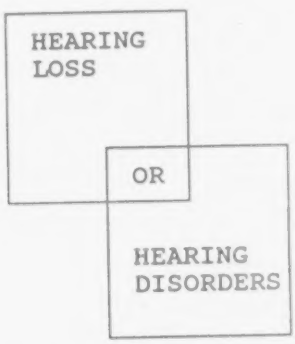
As the Venn diagrams show, only those records, each containing the subject heading Middle Ear AND the subject heading Hearing Disorders will be retrieved. Our subject is hearing disorders of the middle ear; and by using the AND operator, both terms are found in any retrieved record. However, there is no guarantee that the two subject headings in each record will be related and therefore there is no guarantee that all or even most of the retrieved records will be useful.

BOOLEAN OPERATORS (continued)

B. The **OR** Operator

Either term on each side of the operator can be present in each retrieved record or both terms can be present. For example:

-> F XS HEARING LOSS OR XS HEARING DISORDERS

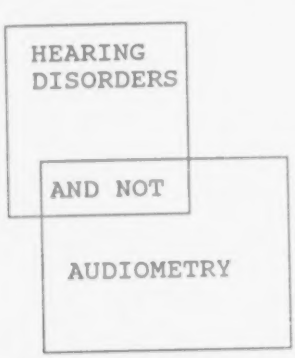


It must be clearly understood that both terms are not required in each record as they are when using the AND operator.

C. The **AND NOT** Operator

The AND NOT operator prevents the retrieval of those records containing certain terms. For example:

-> F XS HEARING DISORDERS AND NOT XS AUDIOMETRY



Each retrieved record will be about hearing disorders, at least in part. But none of the references that are retrieved will contain Audiometry as a subject heading. Be care when using the AND NOT operator. Many of the excluded records could also contain the heading you're interested in: Hearing Disorders.

Searching By Author

The Personal Author (PA) index retrieves records authored by individuals you designate in your search statement. The **FIND** (**F**) command is entered first, then the PA index, then the author's last name, a comma or space, and the first and middle initials if they are known. The comma is optional, but is useful for visual clarity. For example:

```
-> F PA ERICKSON, MT

-> F PA HAWKE

-> F PA ALQVIST-RASTAD J
```

If you know the first name, there is no need to include it because the system will only search for the initials. For example,

```
-> F PA INGHAM, ROGER
```

will be searched as:

```
-> F PA INGHAM, R#
```

MELVYL MEDLINE automatically truncates the "R". That is, records authored by <u>all</u> R. INGHAMs will be retrieved, not just Roger Ingham of the UCSB Speech and Hearing Department.

From: Harter, Jim. <u>Harter's picture archive for collage and illustration</u>. New York, Dover, 1978.

Searching By Subject Headings
(Controlled Vocabulary)

A. Overview

A rough average of 13 to 15 subject headings are assigned to each Medline record before it is entered into the computer system, in order to describe the article's contents. These headings are selected by indexers at the National Library of Medicine from a vocabulary list called Medical Subject Headings -- (MeSH). After the records are entered into the system, we can retrieve them selectively using these same headings.

B. Searching for Records by EXACT Subject (XS) Index

When using the XS index, the exact form of the MeSH heading must be used. This information can be obtained from the printed MeSH headings list near the SEL reference desk or by using the **BROWSE** command. Word order is important but punctuation may omitted. Exact subject searching is somewhat faster and more precise than using the subject (SU) index. Several examples of exact searching are given below:

-> F XS LANGUAGE DEVELOPMENT DISORDERS

-> F XS AUTISM, INFANTILE

will retrieve only those periodical records which contain the subject heading LANGUAGE DEVELOPMENT DISORDERS with the words in that particular order and with no intervening words. The same is true for AUTISM, INFANTILE. Searching for records using **F XS INFANTILE AUTISM** will retrieve zero records.

C. Searching for Records using the Subject (SU) Index

The SU index allows you to search for subject terms with the words in any order; but its unique feature is searching for records when the MeSH heading is not known. For example, if you want to retrieve records on the subject of Partial Hearing Loss, but do not know that the MeSH heading is HEARING LOSS, PARTIAL you could do the following with the SU index:

-> F SU PARTIAL HEARING LOSS

The above search statement does work and retrieves about 560 records. The statement

-> F XS PARTIAL HEARING LOSS

retrieves zero records.

D. **Using the BROWSE Command to Locate Subject Headings**

In addition to the printed MeSH List, use the BROWSE command to find the best subject terms. BROWSE is useful for subject searches because it shows how a broad topic is subdivided, and displays any broader, narrower, or related subject terms. You can then use the SELECT command to search for those specific features relevant to your search.

For example, suppose we want articles on the and therapy rehabilitation of speech disorders. You can enter the following command to see a display of all subject headings containing the word 'speech'.

-> BRO SU SPEECH

The following partial list displays:

1.	Audiometry, Speech. (has narrower headings)	79 citations
2.	Communication Aids for Handicapped.	147 citations
3.	Phonetics.	846 citations
4.	Rehabilitation, Speech and Language (Non Mesh). (has narrower headings)	0 citations
5.	Sound Spectrography.	237 citations
6.	Speech. (has narrower headings)	861 citations
7.	Speech Acoustics.	263 citations
8.	Speech Articulation Tests.	78 citations
9.	Speech Discrimination Tests.	217 citations
10.	Speech Disorders. (has narrower headings)	430 citations
11.	Speech Intelligibility.	186 citations
12.	Speech Pathology.	195 citations
13.	Speech Perception.	1,007 citations

Notice that 2 of the headings have "(has narrower headings)" after them. These headings can often give you appropriate subheadings for your broad topic.

We now have 4 choices:

1. Displaying 1 or more of the numbers using the LONg format. That displays the subheadings, from which the SELect command can be used to retrieve particular records. For example, if we wanted to see the subheadings of Speech Disorders -- number 10:

-> D 10 LON

The following list appears, starting on the next page:

1. Speech Disorders.

SUBHEADINGS:		citations
1.1	Speech Disorders	12
1.2	- chemically induced.	10
1.3	- classification.	5
1.4	- complications.	28
1.5	- congenital.	1
1.6	- diagnosis.	60
1.7	- drug therapy.	3
1.8	- enzymology.	1
1.9	- epidemiology.	10
1.10	- ethnology.	1
1.11	- etiology	133
1.12	- genetics.	17

SUBHEADINGS:		citation
1.13	- history	2
1.14	- nursing.	6
1.15	- pathology.	8
1.16	- physiopathology.	78
1.17	- prevention & control.	6
1.18	- psychology.	32
1.19	- radiography.	4
1.20	- radionuclide imaging.	1
1.21	- rehabilitation.	45
1.22	- surgery.	8
1.23	- therapy.	58

From the above list we can SELect one or more subheadings (rehabilitation and therapy) which represent records on the more specific aspects of Speech Disorders. The command is:

-> SEL 1.21, 1.23

The **SEL**ect command selects subheadings 1.21 and 1.23. 101 records are retrieved. We have done the same thing that we would have done if we knew in advance what the MeSH headings were. Had we known, we would have typed:

-> F XS SPEECH DISORDERS REHABILITATION OR XS SPEECH DISORDERS THERAPY

The same number of records would be retrieved: 101

2. Use the DISPLAY command on subject heading number 10 in the list on page 15, followed by a 2-letter code to display either subheadings (SH), related headings (RH), broader headings (BH), or narrower headings (NH). We want subheadings, so we type:

-> D 10 SH

The same subheading (SH) list you see above displays. We can then use the SELect command as above to select subheadings 1.21 (rehabilitation) and 1.23 (therapy). Then we can display the retrieved records.

3. Use the SELect command on 1 of the numbers in the list on page 14 to retrieve all records indexed with that heading. The command would be:

-> **SEL 10**

We will have retrieved the 430 records for Speech Disorders. This command, of course, assumes that we will have to use some other method to limit our records to those on rehabilitation and therapy. For example, see method 4 below.

4. Suppose your first command was:

-> **F XS SPEECH DISORDERS**
430 citations in the Medical database

and you now want to know what useful subheadings you could find concerning rehabilitation and therapy of speech disorders. Enter the following **BRO** search statement:

-> **BRO XS SPEECH DISORDERS**

The result is:

1. Speech Disorders (has narrower headings) 430 citations

The next statement is:

-> **D LON**

The same display appears as the one above at the top of page 16. Your next command is:

-> **AND SEL 1.21, 1.23**

Notice that we used the AND operator in combination with the SELect command. We did not do this with question 1 starting on page 15. 101 references are retrieved. Each of them contains either of these MeSH headings:

Speech Disorders -- Rehabilitation
Speech Disorders -- Therapy

Using Tree Numbers to Search by Subject

A. Tree Numbers (TN Index): If you look in the printed MeSH List, you will notice that each MeSH heading has at least one alphanumeric string indicated immediately beneath it. This string is a "tree number". A plus sign (+) is often found at the end of a number indicating that more than one heading is related to the heading you found. The printed Index Medicus contains a section in the back, entitled Tree Structures. This section is arranged by tree number and lists all headings which are related to that tree number. The tree numbers can be used to retrieve a large number of records more easily than entering the individual corresponding subject headings.

For example, the subject heading HEARING TESTS in the MeSH list contains the following tree number:

E1.276.299.375+

Any subject headings in MELVYL MEDLINE related to HEARING TESTS can be found by typing BROWSE, TN, and the tree number, followed immediately by the truncation symbol (#). For example:

-> BRO TN E1.276.299.375#

The command will display the following screen:

1.	Acoustic Impedance Tests.	274 citations
2.	Audiometry.	582 citations
3.	Audiometry, Evoked Response.	382 citations
4.	Audiometry, Pure-Tone.	463 citations
5.	Audiometry, Speech.	79 citations
6.	Dichotic Listening Tests.	176 citations
7.	Hearing Tests.	327 citations
8.	Recruitment Detection (Audiology).	23 citations
9.	Speech Discrimination Tests.	217 citations
10.	Speech Reception Threshold Test.	57 citations

All the MeSH headings in this list have been assigned the same beginning tree number. This means that those MELVYL MEDLINE records, each one containing at least one of the listed MeSH headings can be retrieved with a single tree number. Without the tree number, each of the 10 headings would have to be typed individually and ORed to each other -- a very time-consuming effort. After the above display, you have two choices for retrieval of records.

1. Type: **F TN E1.276.299.375#**

   This statement retrieves about 2100 records, each one containing at least the length of tree number you typed and followed by any longer portion of that same number.

2. Type: **SEL ALL** or **SEL** (followed by specific numbers 1-10 for the headings you want)

Using Main (or Major) Subject Headings

When the National Library of Medicine assigns MeSH headings to a citation meant for computer retrieval, certain headings are assigned with an asterisk (*) to their left because they represent the main, or major, subject emphasis of that article. See the long sample record on page 2.

To limit retrieval to those citations that have a particular subject emphasis, use one of the 3 MAJOR indexes:

MXS	Major Exact Subject Headings
MSU	Major Subject Words
MTN	Major Tree Number

For example:

-> **F XS SPEECH DISORDERS**
retrieves 422 citations, which includes the major and non-major headings.

-> **F MXS SPEECH DISORDERS**
retrieves 302 citations, all of which contain Speech Disorders as a major heading.

The main advantage of MAJOR subject emphasis is the increase in the relevancy of the retrieved records. But, in some cases, your retrieval might be too small; so use the major subject emphasis with care.

From: Grafton, Carol B. Children: A pictorial archive from nineteenth century sources. New York, Dover, 1978.

Title and Keyword Searching
(Free-Text Searching)

A. Exact Title (XT) Searching

Type **FIND XT** followed by the exact title; that is, first word first, second word second, etc. for the title you are looking for. Only the first 3 or 4 words need be typed. Do not type initial articles, for example, "The" or "A" if they are the first words.

MELVYL MEDLINE will automatically add a truncation symbol after the last word you type. The system will retrieve the record(s) containing those title words plus any longer portion of those same titles. Another option is the use of double quotation marks around a title that you know is complete, but which would otherwise result in too many similar titles retrieved. Two examples:

-> F XT HEARING DISORDERS IN CHILDREN

retrieves 2 citations, each beginning with these words, but the title of one of them is longer.

-> F XT "HEARING DISORDERS IN CHILDREN"

retrieves 1 citation. HEARING DISORDERS IN CHILDREN is its entire title.

B. Title Word (TW) Searching

Unlike the XT index, the TW index does not require that you know the exact word order of the title words. Any citations that contain the words of interest in the title will be found. For example, if you read a book a while back on the subject of hearing disorders in children, but you can remember only 3 subject-oriented words of the title, but not their correct sequence, you could type the following search statement:

-> F TW HEARING CHILDREN DISORDERS

will retrieve records, some titles of which are indicated below. The words being searched for have been boldprinted to show that word order using the TW index and any other non-exact index is ignored by the computer.

Speech in **children** with **hearing disorders.**

Hearing disorders in **children** with fetal alcohol syndrome:

Hearing and otologic **disorders** in **children** with Down syndrome.

Title word searching often is a good way to find useful records when you are not sure which subject headings to use. Use the TW index to retrieve some records, then display them until you notice a few that look useful. Then display their subject headings using the command: **D SU followed by the citation number(s).** Then use one or more of the MeSH headings you find to retrieve more citations on your subject.

C. **Keyword (KW) Searching**

A keyword search is the most general type of search. The keyword index (KW) searches titles, subject heading words, and abstracts at the same time. For example:

```
-> F KW DEAFNESS
      1634 citations in the Medical database
```

Each of the 1634 retrieved citations contain the word "deafness" either in their titles and/or subject headings and/or their abstracts. Generally, the KW index retrieves more records than any other index. But use it with caution. Quite often many non-relevant records are retrieved because of words being found in the abstract field. Because the abstract field is often so large, words often loose their meaning.

From: Grafton, Carol B. Children: A pictorial archive from nineteenth century sources. New York, Dover, 1978.

The SAVE and DISPLAY LIST (D LIST) Commands

Many of the displayed records might not be useful. The SAVE command can be used to save those that are of interest. The saved records are stored in a special file. Then they can be displayed using the **DISPLAY LIST** (**D LIST**) command. No more than 200 records may be saved at one time.

1. **Saving records**: Type **SAVE** followed by record numbers, each one separated by a comma or space, for example:

   -> **SAVE 1,3** saves record numbers 1 and 3

   -> **SAVE ALL** saves all records in a retrieved set

2. **Displaying saved records**: Type **D LIST** followed by any of the DISPLAY options, for example:

   -> **D LIST** by itself, displays the records starting with number 1.

   -> **D LIST 1,3,7** displays the basic (default) record numbers 1, 3, and 7.

3. **Deleting the List** is optional, but doing so will prevent the next user from accidentally saving his/her records in your previously saved list. To delete your file, type

   -> **DELETE ALL**

From: Grafton, Carol B. Children: A pictorial archive from nineteenth century sources. New York, Dover, 1978.

A. Limiting Searches by Language

There are 2 ways to limit your citations to a given language.

1. By using the command: --> **SET LAN ENG** (Set Language English) before you type your first search statement. This tells the system to retrieve only those citations which refer to English-language articles. Other language codes are also available. See discussion below.

-> **SET LAN ENG**	Limits all subsequent search statements to English-language citations.
-> **SET LAN ENG, SPA**	Limits to English & Spanish

2. Another way to limit your citations to English, or some other language, is to type the statement **AND LAN** (AND LANguage), followed by a 3-letter language code, at the end of your search statement or use it as an "add-on" search. For example:

-> **F XS BRAIN DISEASES AND LAN ENG**	Limits retrieval to English-language records containing MeSH heading BRAIN DISEASES.
-> **F XS BRAIN DISEASES** -> **AND LAN ENG**	Same results as above.
-> **F XS EAR DISEASES**	Citations retrieved in any language. But
-> **AND NOT LAN FRE**	Add-on commands excludes retrieval of French-language citations.

Displaying Language Codes

To display the 3-letter language codes, type:

-> **SHO LANGUAGE CODES** -or-

-> **E LAN** Explain LANguages

Below is a sampling of language codes:

Arabic	ARA	French	FRE	Latin	LAT
Chinese	CHI	German	GER	Russian	RUS
English	ENG	Italian	ITA	Spanish	SPA

B. **Limiting Searches to Human or Animal Studies**

Restrict search results to animal studies by using **XS ANIMAL**. For example:

```
-> F XS DEPRESSIVE DISORDER
        6087 citations in the Medical database

-> F XS DEPRESSIVE DISORDER AND XS HUMAN
        6013 citations in the Medical database
```

It is also possible to limit search results to a particular type of animal using the XS index. For example:

```
-> F XS ACOUSTIC NERVE AND XS CATS
```

C. **Limiting Searches to Male or Female Studies**

Restrict search results to male or female studies by using **XS MALE** or **XS FEMALE**. For example:

```
-> F XS LARYNX AND XS MALE      or

-> F XS LEARNING DISORDERS AND XS FEMALE
```

D. **Limiting Searches by Publication Date**

Searches can be limited by year or month of publication or by a range of dates. To limit by year, two or four digits may be used. e.g., 1988, or 88. For example:

```
-> F XS LEARNING DISORDERS AND DATE 1988

-> F XS LEARNING DISORDERS AND DATE 9/88

-> F XS LEARNING DISORDERS AND DATE 9/88 - 11/88
```

E. **Limiting to Articles in Specific Journals**

Search results can be limited to articles in a particular journal. The FIND command, the JO (JOurnal) index, and the full journal name or the official Medline abbreviation for the journal are used. For example:

```
-> F XS LANGUAGE DISORDERS AND JO ASHA
```

will retrieve citations on the subject of Language Disorders, all of which were published in the journal ASHA.

-> F PA BOONE, LR AND JO JOURNAL SPEECH HEARING DISORDERS

will retrieve citations to articles written by any L.R.Boone, all of which have been published in the Journal of Speech and Hearing Disorders.

The JO index allows you to enter only several of the key words for the periodical name and in any order. This is usually easier than locating the official Medline journal abbreviation or the exact full name. If the first few attempts fail, use truncation on the journal abbreviations.

F. Limiting to More Than One Characteristic

The AND operator is used when ycu want to retrieve records containing more than one attribute. Let's say we want to retrieve records using the subject heading LEARNING DISORDERS with a publication date range of Sept 1988 to November 1988 inclusive, and the article is in the Journal of Communication Disorders. The following command is used and a single record is retrieved.

-> F XS LEARNING DISORDERS AND DATE 9/88 - 11/88 AND XJ JOURNAL OF COMMUNICATION DISORDERS

Klein HB; Moses N; Altman E.
Communication of adults with learning disabilities: self and others' perceptions.
Journal of Communication Disorders, 1988 Sep, 21(5):423-36.

G. Limiting Searches to Review Articles

Use the **XS REVIEW** and the AND operator to retrieve records to articles which have reviewed published literature in a given subject.

-> F XS OTITIS MEDIA AND XS REVIEW

Articles will be labeled REVIEW if they are reviews of the recent (last 10 years) literature and evaluate the present status of the subject. Historical overviews of a subject are not included.

Use the following commands to see the retrieved records:

-> D	To see an abbreviated (SHORT format) list.
-> D LON	To see the records in a LONg format.
-> D REF	To see only the number of references.

H. Limiting Searches to an Age Group

The following are the MeSH age groups that can be used as an exact subject (XS) search.

Enter 1 of these	To retrieve records about one of these age groups
Infant, Newborn	(from birth to 1 month)
Infant	(age 1-23 months)
Child, Preschool	(age 2-5 years)
Child	(age 6-12 years)
Adolescence	(age 13-18 years)
Adult	(age 19-44 years)
Middle Age	(age 45-64 years)
Aged	(age 65 and over)
Aged, 80 and over	(age 80 and over)

To limit searches to a particular age group, combine that term with an XS index.

-> F XS TINNITUS AND XS AGED 80 AND OVER

The same search statement can also be typed as:

-> F XS TINNITUS

-> AND XS AGED 80 AND OVER

From: Harter, Jim. Men: A pictorial archive from nineteenth-century sources. New York, Dover, 1980.

Subject Index

Add-on Commands, 9
Age Limiting, 26
AND NOT Operator, 12
AND Operator, 11
Author Searching, 13

Backup Command, 9
Boolean Operators, 11
Browse Command, 5,15

Commands, 4
  Backup, 9
  Browse, 5, 15
  Delete All, 6, 22
  Display, 5, 10
  Display List, 6, 22
  Explain, 4, 6
  Find, 4
  Help, 4
  Save, 6, 22
  Select, 6
Controlled Vocabulary
  Searching, 14

Date Index, 8, 24
Date Limiting, 8, 24
Delete All Command,
  6, 22
Display Command, 5, 10
Display List Command,
  6, 22

ENTER Key, 3
Exact Indexes, 7
Exact Journal Index, 7
Exact Subject Index,
  7, 14
Exact Title Index,
  7, 20
Explain Command, 4, 6

Female Limiting, 24
FIND Command, 4
Free-Text Searching,
  20
Help, 4
Human Limiting, 24

Indexes, 7
  DATE, 8, 24
  JO, 7
  KW, 7, 21
  LAN, 8, 23
  MSU, 7, 19
  MXS, 7, 19
  MTN, 8, 19
  PA, 7
  SU, 7, 14
  TN, 8, 18
  TW, 7, 20
  XJ, 7
  XS, 7, 14
  XT, 7, 20

JO Index, 7, 24
Journal Name Index,
  7, 24

Keyword Index, 7, 21
KW Index, 7, 21

LAN Index, 8, 23
Language Index, 8, 23
Limiting Searches, 23
Literature Review
  Limiting, 25
Language Codes, 23
Language Index, 8, 23
Language Limiting, 23

Male Limiting, 24
Major Exact Subject
  Index, 7, 19
Major Subject
  Emphasis, 19
MSU Index, 7, 19
MTN Index, 8, 19
MXS Index, 7, 19

OR Operator, 12

PA Index, 7
Personal Author
  Index, 7
Prompt, 3

Review Limiting, 25

Save Command, 6, 22
Select Command, 6
Sex Limiting, 24
SU Index, 7, 14
Subject Headings, 14
Subject Searching, 14

Title Word Index, 7, 20
Title Word Searching, 20
TN Index, 8, 18
Tree Number Index, 8, 18
Truncation, 3
TW Index, 7, 20

XJ Index, 7
XS Index, 7, 14
XT Index, 7, 20

From: Harter, Jim. Harter's picture archive for collage and illustration. New York, Dover, 1978.

Introduction

The MELVYL Current Contents database contains more than 500,000 records from about 6500 journals. The database is the computerised counterpart of the printed Current Contents published by the Institute for Scientific Information (ISI) in 7 disciplines, including the social and behavioral sciences, clinical medicine, and the life sciences.

Currently the database includes records representing journal articles published from July 1, 1989 to the present. Plans are to build to a file covering the current 12 months by means of weekly updates.

Current Contents shares many of the commands and features of MELVYL, but also has some of its own. Several examples are given below. As of this writing, Current Contents is in an experimental form; so the logon procedure consists of two commands once you are in MELVYL:

1.	**SET MODE EXP**	This gets you into MELVYL's experimental section.
2.	**SET DB CC**	This gets you into Current Contents. DB = Database and CC = Current Contents.
3.	**SET DB CCT**	A CCT (Current Contents Table of Contents) is now available. It allows you to display the journal article contents of tables of contents of individual journal issues. Use commands 1 and 2 first; then command 3 can be used to enter the Table of Contents database.

To exit Current Contents, type BYE or LOGOFF, then press <ENTER>.

A Sample Current Contents Record

A Record in Short Format:

INGHAM RJ; INGHAM JC; ONSLOW M; FINN P.
STUTTERERS SELF-RATINGS OF SPEECH NATURALNESS - ASSESSING EFFECTS AND RELIABILITY.
JOURNAL OF SPEECH AND HEARING RESEARCH, 1989 JUN, V32 N2:419-431.

The Same Record in LONg Format:

Author:	INGHAM RJ (Reprint); INGHAM JC; ONSLOW M; FINN P.
Address:	UNIV CALIF SANTA BARBARA,DEPT SPEECH & HEARING SCI, SANTA BARBARA, CA 93106, USA (Reprint); CUMBERLAND COLL HLTH SCI, SYDNEY, AUSTRALIA.
Title:	STUTTERERS SELF-RATINGS OF SPEECH NATURALNESS - ASSESSING EFFECTS AND RELIABILITY.
Journal:	JOURNAL OF SPEECH AND HEARING RESEARCH, 1989 JUN, V32 N2:419-431.
Language:	English.
Pub. Type:	Article.
References:	21.
CC Subfile:	SOCS.
CC Edition:	Social & Behavioral Sciences, V21 N30.
Subject Category:	Rehabilitation and Special Education.

From: Grafton, Carol B. Children: A pictorial archive from nineteenth century sources. New York, Dover, 1978.

Some Commands and Features Unique to Current Contents

1. Indexes: Indexes retrieve records by searching for words in specific parts, or fields, of records. For example, AU (author), TW (Title words), and JO (Journal title words). Current Contents has 3 additional fields.

   A. **PT** (Publication Type): The publication type is the kind of reference retrieved, such as bibliographies, editorials, or database reviews. The search statement

   F TW NOISE AND PT BIBL

   retrieves any journal references in which the word NOISE is in the title and which are bibliographies. A few of the more useful publication types for Speech and Hearing are:

Code	Description
BOOK	Book Review
BIBL	Bibliography
MEET	Meeting Abstract
REVI	Literature Review
ARTI	Article
LETT	Letter
EDIT	Editorial

   Type **E PT** in Current Contents to display a further description of the Publication Type index and a complete list of the types.

   B. **SC** (Subject Category): This index retrieves article references from journals, each of which has been assigned 1 or more such codes. Be Careful: Subject category codes are assigned to entire journals, not to individual articles. The TW (Title Word) searches are often better than SC for retrieving articles on a topic.

   Type **SHOW SC LIST** in Current Contents for an alphabetical list of subject categories. Several of the 90 SC's are listed below:

Code	Description
LIPR	Language/Linguistics
GNLC	General Medicine
OTOC	Otolaryngology
PEDC	Pediatrics
PSOS	Psychology
REHS	Rehabilitation/Special Ed

The search statement below will retrieve references to journal articles containing the word NOISE in titles. The articles themselves will be oriented toward the psychological aspects of noise:

F TW NOISE AND SC PSOS

C. **SF** (Subfile): This index limits your search in Current Contents to journals in a broad subject area. Each area corresponds to 1 of the 7 printed editions. Each of the 7 subfiles contains a number of the 90 Subject Categories discussed in B above. Therefore, the Subfile indexes are used for broad subject retrieval. Several of the 7 subfiles that might be useful in Speech and Hearing are:

Code	Description
CLIN	Clinical Medicine
SOCS	Social & Behavioral

For example,

F TW STUTTERING AND SF CLIN

will retrieve journal article references on stuttering from a clinical medicine point of view.

Type **E SF** in Current Contents to see a complete list of the subfiles.

2. Indexes: An index searches for references containing your search terms in specific parts (fields) of those references.

Index	Description
AU/PA	Author -- entered by last name or by last name & first initials
PT	Publication Type
AD	Author Address -- where the author(s) worked while writing the article
CC	Subfile -- limits search to broad subject areas
REF	Number of References
SC	Subject Category -- offers 90 subject areas for limit- ing
XJ	Exact word or phrase that begins the name of a journal
JO	Words within a journal name
TW	Words in titles of articles, in any order
XT	Exact word or phrase that begins a title
LAN	Language of article

3. The Current Contents Table of Contents Feature (CCT): The CCT database displays the tables of contents for the same journal titles found in the Current Contents database. It is useful for finding references to articles you have read if you have some useful information: One or more words from the journal name, a publication date, and volume and page numbers.

A brief search is done below:

CC-> **SET DB CCT**

You are now set to the Current Contents Table of Contents database. The command below retrieves the tables of contents for the journal Mental Retardation. It retrieves 5 issues of that periodical.

CC-> **F XJ MENTAL RETARDATION**

Search request: F XJ MENTAL RETARDATION #
Search result: 5 issues in the Table of Contents database

Type D to display results, or type HELP.

CC-> **D**
Search request: F XJ MENTAL RETARDATION #
Search result: 5 issues in the Table of Contents database

Type HELP for other display options.

	citations
1. MENTAL RETARDATION, 1990 FEB, V28 N1	15
2. MENTAL RETARDATION, 1989 DEC, V27 N6	10
3. MENTAL RETARDATION, 1989 OCT, V27 N5	12
4. MENTAL RETARDATION, 1989 AUG, V27 N4	28
5. MENTAL RETARDATION, 1989 JUN, V27 N3	18

From: Grafton, Carol B. Children: A pictorial archive from nineteenth century sources. New York, Dover, 1978.

The **D 1-3 SHORT** command below displays the bibliographic references from the Tables of Contents of the first 3 issues of the journal Mental Retardation.

CC-> D 1-3 SHORT
Search request: F XJ MENTAL RETARDATION #
Search result: 5 issues in the Table of Contents database

Type HELP for other display options.

1. MENTAL RETARDATION, 1990 FEB, V28 N1 15 citations

1.1 TAYLOR RL.
THE LARRY-P DECISION A DECADE LATER - PROBLEMS AND FUTURE DIRECTIONS. pp. R3-R6

1.2 MARY NL.
REACTIONS OF BLACK, HISPANIC, AND WHITE MOTHERS TO HAVING A CHILD WITH HANDICAPS. pp. 1-5

1.3 RYNDERS JE; SCHLEIEN SJ; MUSTONEN T.
INTEGRATING CHILDREN WITH SEVERE DISABILITIES FOR INTENSIFIED OUTDOOR EDUCATION - FOCUS ON FEASIBILITY. pp. 7-14

1.4 HARRINGTON C; SWAN JH.
STATE MEDICAID ICF-MR UTILIZATION AND EXPENDITURES IN THE 1980-1984 PERIOD. pp. 15-27

1.5 CIPANI E.
EXCUSE ME - ILL HAVE ... TEACHING APPROPRIATE ATTENTION-GETTING BEHAVIOR TO YOUNG CHILDREN WITH SEVERE HANDICAPS. pp. 29-33

1.6 HAWKINS BA; EKLUND SJ.
PLANNING PROCESSES AND OUTCOMES FOR AN AGING POPULATION WITH DEVELOPMENTAL DISABILITIES. pp. 35-40

1.7 FINDHOLT NE; EMMETT CG.
IMPACT OF INTERDISCIPLINARY TEAM REVIEW ON PSYCHOTROPIC DRUG USE WITH PERSONS WHO HAVE MENTAL RETARDATION. pp. 41-46

..8 SMITH JK; ZITNAY GA.
TRAINING AND EDUCATION OF PERSONS WITH DISABILITIES IN THE SOVIET-UNION - REPORT BY A VERY SPECIAL ARTS DELEGATION. pp. 47-51

1.9 WRIGHT EB.
INTRODUCTION TO BEHAVIOR ANALYSIS IN SPECIAL EDUCATION - RUSCH,FR, ROSE,T, GREENWOOD,CR. pp. 52-53

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2.2 SWAN JH; HARRINGTON C; GRANT L.
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2.3 WOLFENSBERGER W.
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2.4 SPREAT S; LANZI F.
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2.7 MCDONNELL J; HARDMAN ML; HIGHTOWER J.
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Press RETURN to see next screen. Type PS to see previous screen.
CC-> D 2.6 SHORT
Search request: F XJ MENTAL RETARDATION #
Search result: 5 issues in the Table of Contents database

2. MENTAL RETARDATION, 1989 DEC, V27 N6 10 citations

2.6 HODAPP RM; EVANS DW; WARD BA.
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CC-> D 2.6 LON
Search request: F XJ MENTAL RETARDATION #
Search result: 5 issues in the Table of Contents database

2. MENTAL RETARDATION, 1989 DEC, V27 N6 10 citations
CC Subfile: Social & Behavioral Sciences, V22 N06.
Subject Category: Rehabilitation and Special Education.

2.6 HODAPP RM.
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English. Article. References: 37.
YALE UNIV,CTR CHILD STUDY,POB 11A,YALE STN, NEW HAVEN, CT 06520, USA (Reprint); YALE UNIV,DEPT PSYCHOL, NEW HAVEN, CT 06520, USA; YALE UNIV,DEPT PSYCHOL, NEW HAVEN, CT 06520, USA.

Using Subject Codes

Quite often, the subject codes, used with TW and other kinds of searches can retrieve more recor than using title words (TW) alone. The first attempt uses title words for the subject of rehabil tation of children with hearing problems. Only one record is retrieved.

CC-> **F TW REHABILITATION CHILDREN HEARING**
Search request: F TW REHABILITATION CHILDREN HEARING
Search result: 1 citation in the CC article database

Type HELP for other display options.

1. SEDLACEK K.
SPEECH IN **CHILDREN** WITH **HEARING** DISORDERS - DIAGNOSTICS, TREATMENT AND **REHABILITATION.**
FOLIA PHONIATRICA, 1989 MAR-JUN, V41 N2-3:145-152.

The subject code (SC) is used with one of the codes, REHS, to restrict retrieval to articles on **REH**abilitation. 12 are retrieved this time.

CC-> **F TW CHILDREN HEARING AND SC REHS**

Search request: F TW CHILDREN HEARING AND SC REHS
Search result: 12 citations in the CC article database

Type D to display results, or type HELP.

Displaying of .nose References Begins

CC-> D
Search request: F TW CHILDREN HEARING AND SC REHS
Search result: 12 citations in the CC article database

Type HELP for other display options.

1. ATKINS DV.
HEARING-IMPAIRED **CHILDREN** - A GUIDE FOR CONCERNED PARENTS AND PROFESSIONALS - BEVAN,RC.
VOLTA REVIEW, 1989 DEC, V91 N7:346-347.

2. ELPHICK R.
SOME IMPLICATIONS OF THE NATIONAL CURRICULUM IN THE EDUCATION OF **HEARING**-IMPAIRED **CHILDREN.**
JOURNAL OF THE BRITISH ASSOCIATION OF TEACHERS OF THE DEAF, 1989 NOV, V13 N5:119-125.

3. BROWN JR.
HEARING IMPAIRMENT IN **CHILDREN** - BESS,F.
VOLTA REVIEW, 1989 OCT-NOV, V91 N6:297-297.

4. MCGARR NS; YOUDELMAN K; HEAD J.
REMEDIATION OF PHONATION PROBLEMS IN **HEARING**-IMPAIRED **CHILDREN** - SPEECH TRAINING AND SENSORY AIDS.
VOLTA REVIEW, 1989 SEP, V91 N5:7-17.

5. BERNSTEIN L.
COMPUTER-BASED SPEECH TRAINING FOR PROFOUNDLY **HEARING**-IMPAIRED **CHILDREN** - SOME DESIGN CONSIDERATIONS.
VOLTA REVIEW, 1989 SEP, V91 N5:19-28.

6. EILERS RE; OLLER DK; VERGARA K.
SPEECH AND LANGUAGE PROGRESS OF **HEARING**-IMPAIRED **CHILDREN** IN A SYSTEMATIC TRAINING PROGRAM USING TACTUAL VOCODERS.
VOLTA REVIEW, 1989 SEP, V91 N5:127-138.

DISPLAYING REFERENCES RETRIEVED WITH SUBJECT CODES (continued)

7. DARROW AA; GOLL H.
THE EFFECT OF VIBROTACTILE STIMULI VIA THE SOMATRON ON THE IDENTIFICATION OF RHYTHMIC CONCEPTS BY **HEARING** IMPAIRED **CHILDREN**.
JOURNAL OF MUSIC THERAPY, 1989 FAL, V26 N3:115-124.

8. ARNOLD P.
TEACHING ENGLISH TO **HEARING**-IMPAIRED **CHILDREN**.
JOURNAL OF THE BRITISH ASSOCIATION OF TEACHERS OF THE DEAF, 1989 SEP, V13 N4:100-109.

9. HALL WM; ANDREWS SA.
AT HOME WITH MOTHERS OF YOUNG **CHILDREN** WITH **HEARING** IMPAIRMENT IN JAMAICA - A CASE STUDY.
TOPICS IN EARLY CHILDHOOD SPECIAL EDUCATION, 1989 FAL, V9 N3:128-134.

10. RAY S.
CONTEXT AND THE PSYCHOEDUCATIONAL ASSESSMENT OF **HEARING** IMPAIRED **CHILDREN**.
TOPICS IN LANGUAGE DISORDERS, 1989 SEP, V9 N4:33-44.

11. SEDLACEK K.
SPEECH IN **CHILDREN** WITH **HEARING** DISORDERS - DIAGNOSTICS, TREATMENT AND **REHABILITATION**.
FOLIA PHONIATRICA, 1989 MAR-JUN, V41 N2-3:145-152.

12. MARKIDES A.
INTEGRATION - THE SPEECH INTELLIGIBILITY, FRIENDSHIPS AND ASSOCIATIONS OF **HEARING**-IMPAIRED **CHILDREN** IN SECONDARY SCHOOLS.
JOURNAL OF THE BRITISH ASSOCIATION OF TEACHERS OF THE DEAF, 1989 MAY, V13 N3:63-72.

DI..LAYING REFERENCES RETRIEVED WITH SUBJECT ..ODES (continued)

> Record number 12 above is displayed in LONg format to show that the subject is, in fact, assigned to the record to help describe its subject content and to provide users with another means of accessing such records.

Press RETURN to see the next screen.
CC-> **D 12 LON**
Search request: F TW CHILDREN HEARING AND SC REHS
Search result: 12 citations in the CC article database

Type HELP for other display options.

12.
Author: MARKIDES A (Reprint).
Address: UNIV MANCHESTER,DEPT AUDIOL EDUC DEAF & SPEECH PATHOL, MANCHESTER M13 9PL, LANCS, ENGLAND (Reprint).
Title: INTEGRATION - THE SPEECH INTELLIGIBILITY, FRIENDSHIPS AND ASSOCIATIONS OF **HEARING**-IMPAIRED **CHILDREN** IN SECONDARY SCHOOLS.
Journal: JOURNAL OF THE BRITISH ASSOCIATION OF TEACHERS OF THE DEAF, 1989 MAY, V13 N3:63-72.

Language: English.
Pub. Type: Article.
References: 11.

CC Subfile: SOCS.
CC Edition: Social & Behavioral Sciences, V21 N29.

Subject Category: Rehabilitation and Special Education.

Different Entries for DATE Searching

CC-> **F TW STUTTERING AND DATE 1989**

Search request: F TW STUTTERING AND DATE 1989
Search result: 20 citations in the CC article database

Type D to display results, or type HELP.

CC-> **F TW STUTTERING AND DATE 7/89**
Search request: F TW STUTTERING AND DATE 7/89
Search result: 1 citation in the CC article database

Type HELP for other display options.

1. JAMES JE; RICCIARDELLI LA; HUNTER CE; ROGERS P.
RELATIVE EFFICACY OF INTENSIVE AND SPACED BEHAVIORAL TREATMENT OF STUTTERING.
BEHAVIOR MODIFICATION, 1989 JUL, V13 N3:376-395.

CC-> **F TW STUTTERING AND DATE FALL 89**

Search request: F TW STUTTERING AND DATE FALL 89
Search result: 0 citations in the CC article database

Please type HELP for information on zero search results.

Speech and Hearing Sciences 52
Fall 1990
Search Project Description and List of Topics

A. The Paper

1. The purpose of the paper is to describe your library research experience.
2. It is to be between 3 and 5 pages, typed, double-spaced. Handwritten papers are OK if neatly done.
3. Include the following and additional comments in your paper as they apply:
   (A) In your first paragraph, briefly describe the topic you selected.
   (B) Include names of resources you consulted in your search for bibliographic references: for example, Psychological Abstracts, MELVYL, Science Citation Index CD-ROM, etc. You can also include people you consulted -- Their names are optional.
   (C) In your paper, include some or all of the following:
      (1) Show some of the search statements you used in the computer sources.
      (2) Discuss (briefly) some of the advantages and/or disadvantages of selected sources.
      (3) How did you resolve the problem of retrieving too many or too few records?
      (4) What were some of the system(s) commands and/or special features you used? For example: Did you use the PT index in Current Contents or the date limitation in MELVYL MEDLINE, or the SAVE command?
   (D) Describe any positive and negative events you ran into; not only events you anticipated, but also those that came as a surprise. For example, you might have planned your search carefully for MELVYL, but for some reason, retrieved a lot of non-relevant records. Or you might have had trouble locating certain references, then for no apparent reason, suddenly stumbled onto a goldmine of useful information. Serendipity is an important part of research.
   (E) How might you do your search over again if you had to? This part is optional if your search strategies turned out just the way you planned them.

B. The Bibliography: Compile a bibliography of between 6 and 12 references on your topic that you found in the bibliographic tools studied during this course. Of course, you are free to use additional reference tools as well.

1. The UCSB Library does not have to own the publications you cite in your bibliography.
2. The bibliography must be in the APA (American Psychological Association) format. You can buy these books at the UCEN Bookstore. Or you can use them at the Library's General Reference Desk on the second floor.
3. Arrange the bibliography alphabetically by author. If there is no author for a particular reference, then by title. If the APA format stipulates a different arrangement, use theirs instead.
4. Staple the bibliography to the back of your paper.
5. Include references only to periodical articles, books, conference publications, etc. But do not include references to the bibliographic tools you used to get bibliographic information from; for example: Psychological Abstracts or Index Medicus.

The paper and attached bibliography are due no later than 5pm on the last day of class: Friday, 30 November 1990

Topics in Speech and Hearing Sciences

Select one of the subjects below or use a topic of your choice:

1. Middle ear anomalies and their contribution to hearing loss.
2. Binaural amplification with hearing aids versus monaural amplification.
3. The components of acoustic immittance and their use in audiologic assessment.
4. The vestibular mechanism: The normal and disordered system.
5. Noise induced hearing loss: Temporary threshold shift versus permanent threshold shift.
6. The resonance-volley theory of hearing.
7. Effects of auditory nerve and central auditory pathway disorders on hearing.
8. Brainstem evoked response audiometry.
9. The testing and remediation of patients with pseudohypacusis.
10. Testing the hearing of children from birth to age one.
11. Testing the hearing of children from one to age five.
12. Selecting hearing aids for children: The problem of overamplification.
13. The problems associated with word discrimination testing.
14. Loudness recruitment and its implications.
15. The medical and educational management of unilateral deafness in children.
16. Manual communication, oral communication, or total communication for deaf children.
17. The acoustic reflex: Its anatomy and physiology as well as use in audiologic testing.
18. Inner ear anomalies and their effect on hearing.
19. Ototoxicity.
20. Otitis media: Its course of pathology and medical management.

21. Melodic Intonation Therapy and Aphasia.

22. Individual differences in phonological development.

23. Communicative interactions of delayed and normally developing preschool children.

24. Stuttering and speech naturalness.

25. Assessing the pragmatic abilities of children.

26. Behavioral and nonbehavioral variables in the measurement of stutterers' communication attitudes.

27. Language and articulation tests for preschool children.

28. Intervention in dysarthric children.

29. Dysphonia therapy.

30. Time out from stuttering.

31. Speech disorders in Alzheimer's Disease.

32. Dissociations between language and cognition.

33. Western Aphasia Battery.

34. Language behavior of children with developmental language disorders.

35. Speech therapy of autistic children.

36. Early language development in children with Down's Syndrome.

37. Acquisition of complex sentences.

38. Symbolic play in normal and language-impaired children.

39. Pragmatic intervention issues in language.

40. Schizophrenic Syndrome in childhood.

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start and end	sta cat or set db cat end	start med or set db med sta cat or set db cat end	start cc or set db cc (set db cct sta cat or set db cat or end sta cct)
find (f) browse (b) author find title	f pa <last name, 1st names> b pa <names> f ca <corporate author> b ca <corp. author> f xt <exact title> f tw <title words>	f au <last name, initials> b au <last name, initials> f xt <exact article title> f tw <article title words>	f au <last name initials> (not in CCT) f xt <exact article title> (not in CCT) f tw <article title words> (not in CCT)
find (f) browse (b) subject	f tw <title words> f su <words in a subject heading> b su <words> f xs <exact subject heading> "Subject headings" are words and phrases in the Library of Congress List of Subject Headings and the NLM List of Medical Subject Headings. If you don't know or can't find a useful subject heading use tw.	f kw <key words> f tw <article title words> f sw <medical subject heading (MeSH) words> f su <words in a MeSH > b su <words> f xs <exact MeSH> b xs <words> f msu <major MeSH words> f mxs <exact MeSH> f xxs <exploded exact MeSH> f xmxs <exploded major MeSH> f tn <MeSH tree number>	f tw <article title words> (not in CCT) f sc <subject category> (in CCT) "Subject categories" are very broad subject areas into which journals, not articles, are classified. Since there are only about 90 categories, highly variable in size and specificity, topical searches are normally more productive and efficient in tw.
journal (contents)		f jo <journal title words>(for contents) f xj <exact journal title>(for contents)	f jo <journal title words>(for contents) (in CCT) f xj <exact journal title>(for contents) (in CCT)
limits	and lan <language> and lan fre and lan eng and lan spa and date <date> and date recent (last 10 yrs) and date current (last 3 yrs) and added since <date> and form <form> and form av and form mrdl and form scores and form sound and form videos and form films at <campus> at ucsc	and lan <language> and date <date> and added since <date> and xs rev (review article) and xs <population> and xs animal and xs human and xs male and xs female and xs <age group> and xs aged and xs infant and xs adolescence and subs <subset> and subs cancer and subs aim and subs dental	and lan <language> (not in CCT) and date new (in CCT) and date <date> (in CCT) and added since <date> (in CCT) and pt <publication type> (not in CCT) and pt artl and pt fiction and sc <subject category> and sc law (in CCT) and sf <subfile> and sf arts (in CCT) "Subfiles" are even broader than sc. There are only 7 subfiles, covering areas such as Life Sciences, Social Sciences, etc.
display (d) results	display (d) d rev d long d <option> <numbers>	display (d) d rev d long d abs d <option> <numbers>	display (d) (in CCT.) d rev d rev d long d (issues) d sho d <option> <numbers> d long
periodical (locations)	f pe <periodical title words> f xpe <exact periodical title>	f pe <periodical title words> at <campus> f xpe <exact periodical title> at <campus>	f pe <periodical title words> at <campus> f xpe <exact periodical title> at <campus>
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Subject Index
(Excluding the Appendices)

AB Index, 121,122,126
ABstract Index, 121,122,126
Add-On Command, 72
AND NOT Operator, See Boolean Operators
AND Operator, See Boolean Operators
AT Feature, 74
Author Searching
  MELVYL, 57-61
  MELVYL MEDLINE, 137-138

Boolean Operators, 37-42
BROWSE Command (See Also SELECT)
  MELVYL, 82-86
  MELVYL MEDLINE, 128

CA Index, 62
Call Number Index, 104
Call Numbers, 8
Campus Limiting, See Limiting
Commands
  BROWSE
    MELVYL, 82-86
    MELVYL MEDLINE, 128
  DISPLAY, 64-71
  DISPLAY BROWSE, 83
  FIND, 49,79
  SELECT, 82-86, 129
  SET
    SET LAN, 73
    SET DATE, 75
    SET LIB, 75,101
  START (or STA), 48
Corporate Author, See CA Index
CURRENT CONTENTS, See MELVYL CURRENT CONTENTS)

Date Limiting, See Limiting
DISPLAY BROWSE Command, 83
DISPLAY Command, 64-71
Display Formats, see Formats

Fields, Displayable
  MELVYL, 67
  MELVYL MEDLINE, 120
FIND Command, 49,79

Formats
  REView, 65,124,136
  LONg, 66,71
  SHORT, 89,92,126
Free-Text Problems, 51

Government Publications, 160-162

Index Medicus, 12-22
Indexes
  AB, 121,122,126
  CA, 62
  CALL Number, 104
  JO, 122
  KW, 121
  MSU, 136
  PA, 57-61
  PE, 88
  PT, 146
  RF (or REF), 122
  SE, 63,106
  SU, 52,53
  TW, 49,51
  XJ, 132,133
  XP (or XPE), 92
  XS, 54-56,110
  XT, 50

Keyboards
  MELVYL Terminal, 47
  PC for CD-ROM Use, 148
Keyword Index, 121
KW Index, 121

Language Limiting, See Limiting
Limiting
  By Date
    MELVYL, 72,75
    MELVYL MEDLINE, 132-133
    MELVYL CURRENT CONTENTS, 144
  By Language, 73,75,80, 86,101,131
  By Campus, 74,75,80,86, 94,101
  By Human, 131

Literature Reviews
MELVYL MEDLINE, 122
MELVYL CURRENT CONTENTS, 146

LONg Format
MELVYL, 66,71
MELVYL MEDLINE, 125

MELVYL, 46-118
MELVYL CURRENT CONTENTS, 141-147
MELVYL MEDLINE, 119-140
MSU Index, 136
MXS Index, 117

NOTES Index, 105

OR Operator, See Boolean Operators

PA Index
MELVYL, 57-61
MELVYL MEDLINE, 137-138
PE Index, 88
PEriodical Index, 88
Periodical Searching, 88-95
Prompts, 48
PsychLit CD-ROM, 163-169
Psychological Abstracts, 1-11
PT Index, 146
Publication Type Index, 146

Quotation Marks,
For periodical names, 95
For subject headings, 114
For Boolean Operators, 139

REFerences Index, 122
REView Format
MELVYL, 65
MELVYL MEDLINE, 124,136
Reviews, See Literature Reviews
RF (or REF) Index, 122

Science Citation Index CD-ROM, 148-159
Citation Searching, 156-159
Subject Searching, 150-155
Science Citation Index, 23-34
Citation Searching, 28-31
Subject Searching, 24-27
Scopenotes , 129
SE Index, 63,106
Search Strategy, 101-118

SELect Command, 82-86
See also BROwse Command
Serials List, 7,27
Series Index, See SE Index
SET Commands
SET LAN, 73
SET DATE, 75
SET LIB, 75,101
Sets, 35
SHORT Format, 89,92,126
START (or STA) Command, 48
SU Index
MELVYL, 52,53
Subject headings
Library of Congress (LC), 96-100
MeSH, 13-15

Title Word Searching, 49,51
Truncation, 76-78,107-109
TW Index, 49,51

XJ Index, 132
XP (or XPE) Index, 92
XS Index
MELVYL, 54-56,110
MELVYL MEDLINE, 122,123
XT Index, 50